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STATISTICS OF

**Land-Grant  
Colleges and  
Universities**

YEAR ENDED JUNE 30, 1955

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Edue

## FOREWORD

**T**HE PRESENT PUBLICATION continues the series of annual statistical reports by the Office of Education on land-grant colleges, which first began for the academic year 1869-70. The series is distinguished, first, by its long history of 86 years, and second, by the scope of the information regarding the individual colleges and universities in the land-grant group.

To a greater extent than previously, the Office of Education is coordinating its data collection from the land-grant colleges and universities with the program of data collection from all institutions of higher education. This procedure facilitates comparisons with other groups of institutions and makes the data more useful generally.

Certain features of the present report deserve mention. First, there is provided a summary of the numerous laws (dating from 1862) under which Federal funds are allotted to the land-grant institutions. Second, the text has been expanded to call the reader's attention to various important figures of the tables. Third, two new tables have been included on degrees conferred by the land-grant institutions (tables 10 and 11). Finally, data have been systematically introduced to show the relative magnitude of the land-grant component in American higher education. Thus, the 69 land-grant institutions, constituting 5.1 percent of the 1,344 4-year institutions of 1954-55, included 20.3 percent of the total resident college-grade enrollment in 4-year institutions in November 1954, conferred 39.3 percent of all doctoral degrees granted in the year ending June 30, 1955, and were responsible for 54.2 percent of all expenditures for organized (separately budgeted) research in the fiscal year 1955.

Significant omissions in the present report also require mention. Data on faculty and on academic-year enrollment (as distinguished from November enrollment) are not included, such data now being scheduled for collection in even-numbered years only. The traditional collection of data on enrollment in selected professional fields (such as law and medicine) was deferred until such data could be collected from all institutions. The enrollment in engineering, however, has been reported for all institutions (including the land-grant colleges and universities) in Office of Education Circular No. 468, April 1956.

The summary of legislation presented in the Appendix was prepared in consultation with Lloyd E. Blauch, Assistant Commissioner for Higher Education; John Heaphey, Office of the General Counsel,

Department of Health, Education, and Welfare; and Walworth Brown, Administrative Officer, State Experiments Division, and Luke M. Schruben, Assistant Administrator, Federal Extension Service, both of the Department of Agriculture. It is a pleasure to acknowledge their interest and help. We express our appreciation, also, to the registrars, business officers, and treasurers of the land-grant institutions, who supplied the data on which the present report is based.

HERBERT S. CONRAD, *Director*  
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# STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES, YEAR ENDED JUNE 30, 1955<sup>1</sup>

**D**ATA ON ENROLLMENT, earned degrees conferred, income, expenditures, endowment, and physical plant facilities of the 69 land-grant colleges and universities for the year ended June 30, 1955, are presented in this bulletin. Since the establishment of the Office of Education in 1867, one of its functions has been the collection and dissemination of information on the land-grant institutions.

The 69 institutions include at least one college or university in each of the States and in Alaska, Hawaii, and Puerto Rico. In each of 18 States (viz, Massachusetts and 17 Southern States) there are 2 institutions which participate in the land-grant funds; in each of 30 States and in Alaska, Hawaii, and Puerto Rico there is 1 institution. Data in the tables are generally divided into two groups: (a) "52 institutions," and (b) "17 institutions attended predominantly by Negro students."

Since the last report, the name of Michigan State College has been changed to Michigan State University of Agriculture and Applied Science. Tennessee Agricultural and Industrial State College is now listed as Tennessee Agricultural and Industrial State University.

In the present report, the figures for Virginia Polytechnic Institute include data for the branch institution, Radford College, Woman's Division of Virginia Polytechnic Institute, at Radford, Va.; and the figures for West Virginia University include data for the branch institution, Potomac State College of West Virginia University at Keyser, W. Va. Throughout this bulletin, where a comparison is made between the year ended June 30, 1955, and the year ended June 30, 1954, the data previously published for the year ended June 30, 1954, have been revised to include these 2 branch institutions.

## STUDENTS

*Enrollment, November 1954.*—In the 69 land-grant institutions, the total resident enrollment in November 1954 was 428,399 (table 6). This was an increase of 29,406, or 7.4 percent, over the corresponding

<sup>1</sup> Acknowledgment is made of the assistance of Doris Holladay, Reports Analyst, and Elizabeth Bentson, statistical clerk, in the preparation of this bulletin.



## 2 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

enrollment for November 1953. The resident enrollment at the undergraduate and the graduate levels increased over the November 1953 enrollment by 6.6 and 13.3 percent, respectively. For all institutions of higher education in the aggregate United States<sup>1</sup> during the same period, the resident enrollment increased 9.5 percent (undergraduate, 9.6 percent; graduate, 8.4 percent).

Of the 428,399 resident students enrolled in the 69 land-grant institutions in November 1954, 404,961 (94.5 percent) were enrolled in the 52 land-grant institutions, and 23,438 (5.5 percent) were enrolled in the 17 institutions attended predominantly by Negro students. For these two groups of land-grant institutions the enrollment data for November 1954 and the percent of change from November 1953 are given in tables A and B.

Table A.—ENROLLMENT IN 52 LAND-GRANT INSTITUTIONS AS OF NOVEMBER 1954, AND PERCENT CHANGE FROM NOVEMBER 1953

Type of enrollment	Number of students enrolled, November 1954			Percent change from November 1953		
	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7
College grade:						
Resident	404,961	294,994	109,967	7.4	8.0	6.0
Undergraduate	351,445	252,997	98,448	6.6	7.4	4.7
Full-time	321,512	234,338	87,174	6.0	6.9	2.7
Part-time	29,933	18,659	11,274	27.7	30.0	23.9
Graduate	53,516	41,997	11,519	13.1	11.7	15.2
Extension	54,843	30,093	24,750	10.7	19.8	1.4
Correspondence	35,020	16,405	18,615	17.2	-4.8	47.2
Noncollege grade:						
Extension	41,556	33,008	8,548	49.7	59.3	21.5
Adult education	19,104	12,867	6,237	12.9	16.8	6.7
Correspondence	11,133	7,028	4,105	5.1	17.8	-11.3
Short courses	33,884	26,410	7,474	23.9	37.8	-5.0
Individual lessons	319	111	208	-75.5	-85.9	-59.8

*Enrollment of veterans, November 1954.*—In the 69 land-grant institutions, as of November 1954, 71,425 veterans were enrolled in one or more college-grade courses (table 8). This included veterans enrolled as resident (undergraduate and graduate) and extension students of college grade. The veterans were enrolled under Public Law 16 (disabled World War II veterans), Public Law 346 (World War II veterans, other than those under Public Law 16), Public Law 894 (disabled "Korean veterans"), and Public Law 550 ("Korean veterans," other than those under Public Law 894). A comparison

<sup>1</sup> Throughout this bulletin, the term, "aggregate United States," refers to continental United States and outlying parts of the United States (Hawaii, Puerto Rico, Canal Zone, etc.).



**Table B.—ENROLLMENT IN 17 LAND-GRANT INSTITUTIONS ATTENDED PREDOMINANTLY BY NEGRO STUDENTS AS OF NOVEMBER 1954, AND PERCENT CHANGE FROM NOVEMBER 1953**

Type of enrollment	Number of students enrolled, November 1954			Percent change from November 1953		
	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7
College grade:						
Resident.....	23,438	10,873	12,565	6.7	8.0	5.6
Undergraduate.....	22,377	10,460	11,917	5.8	8.3	3.8
Full-time.....	21,361	10,142	11,219	2.3	6.1	-0.9
Part-time.....	1,016	318	698	282.0	218.0	220.5
Graduate.....	1,061	413	648	27.7	0.7	53.9
Extension.....	2,522	400	2,122	54.3	50.4	55.1
Correspondence.....	154	28	126	-11.5	-17.6	-10.0
Noncollege grade:						
Extension.....						
Adult education.....	1,519	886	633	149.8	141.4	162.7
Correspondence.....						
Short courses.....	139	74	65	(1)	(1)	(1)
Individual lessons.....						

<sup>1</sup> No data reported for November 1953.

of veterans enrollment for the fall of 1954 with the fall of 1953 is given in table C.

In the fall of 1954, the 71,425 veterans enrolled in the 69 land-grant institutions in college-grade resident or extension courses constituted 14.7 percent of the college-grade enrollment in resident and extension courses. In the fall of 1953, the 47,949 veterans enrolled in college-grade resident or extension courses in the 69 land-grant institutions

**Table C.—ENROLLMENT OF VETERAN STUDENTS OF COLLEGE GRADE IN THE 69 LAND-GRANT INSTITUTIONS, FALL 1954 AND FALL 1953, AND CHANGE FROM FALL 1953**

Item	Number of veterans enrolled		Change from fall 1953	
	Fall 1954	Fall 1953 <sup>1</sup>	Amount	Percent
1	2	3	4	5
Total.....	71,425	47,949	23,476	48.9
World War II veterans.....	11,145	18,725	-7,580	-40.5
Disabled veterans (Public Law 16).....	678	1,051	-373	-35.5
All other (Public Law 346).....	10,467	17,674	-7,207	-40.8
"Korean veterans".....	60,280	29,224	31,056	106.3
Disabled veterans (Public Law 594).....	1,141	625	516	82.6
All other (Public Law 590).....	59,139	28,599	30,540	106.8

<sup>1</sup> Data are from a special survey of veteran and male non-veteran students, conducted in the fall of 1953.



were 10.7 percent of the total resident and extension college-grade enrollment.

**Comparison of land-grant institutions with all institutions.**—The 69 land-grant institutions, which represented 3.7 percent of the 1,857 institutions of higher education in the aggregate United States in 1954-55, enrolled 17.6 percent of all resident students (17.1 percent of the undergraduate, 22.5 percent of the graduate); 33.2 percent of all college-grade extension students; 46.8 percent of all non-college-grade extension enrollment; and 12.1 percent of all non-college-grade adult education enrollment.

Perhaps a more significant picture would be given by a comparison of the enrollments in the 69 land-grant institutions with enrollments in all institutions exclusive of junior colleges. There were 1,344 institutions of higher education (exclusive of the junior colleges) in the aggregate United States in the fall of 1954. The 69 land-grant institutions, which represented 5.1 percent of the 1,344, enrolled 20.3 percent of all resident college-grade students; 20.0 percent of all undergraduate students (22.7 percent of all full-time and 8.7 percent of all part-time); 36.0 percent of all college-grade extension students; 58.6 percent of all non-college-grade extension enrollment; and 24.1 percent of all enrollment in adult education.

### DEGREES

In the 69 land-grant colleges and universities, a total of 79,232 earned degrees (at the bachelor's level or above) were conferred between July 1, 1954, and June 30, 1955. This was a decrease of 25 degrees (0.03 percent) from the number conferred in the same institutions during the year ended June 30, 1954. For all of the 1,320 degree-granting institutions of higher education in the aggregate United States, the decrease for the same period was 4,254 degrees (1.2 percent).

The number of degrees granted at each level by the 69 land-grant colleges and universities during the year ended June 30, 1955, and the percent of change from the preceding year are given in table D.

Data on the total number of degrees conferred and on the number conferred in each of the major fields of study by each of the land-grant colleges and universities are reported by name of institution and by field of study in *Earned Degrees Conferred by Higher Educational Institutions* (Office of Education Circular No. 461).

**Major fields of study.**—The number of degrees conferred by the 69 land-grant colleges and universities during 1954-55 is shown in table 9, by major field of study, and by level of degree. The degrees are classified under 66 major fields of study. In addition, 52 of the 66 fields are further grouped into 9 broad categories of specialization—



Table D.—EARNED DEGREES CONFERRED IN THE 69 LAND-GRANT INSTITUTIONS, BY LEVEL OF DEGREE, AND BY SEX, 1954-55, AND PERCENT CHANGE FROM 1953-54

Level of degree	Number of degrees conferred, 1954-55			Percent change from 1953-54		
	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7
All degrees	79,333	56,998	22,426	-0.63	-1.1	2.7
First level <sup>1</sup>	61,624	43,069	18,555	-0.6	-1.5	1.4
Second level <sup>2</sup>	14,138	10,511	3,627	2.1	1.3	8.8
Doctorate	3,470	2,226	244	-1.7	-2.2	22.2

<sup>1</sup> First-level degrees in given field of study—formerly designated as “bachelor’s and first professional” degrees.

<sup>2</sup> Second-level degrees in given field of study—formerly designated as “master’s and second professional” degrees.

AGRICULTURE, BIOLOGICAL SCIENCES, EDUCATION, FINE ARTS, FOREIGN LANGUAGES, HEALING ARTS AND MEDICAL SCIENCES, PHYSICAL SCIENCES, RELIGION, and SOCIAL SCIENCES.

At the first level, the 3 major fields with the greatest number of degrees (Engineering, Business and commerce exclusive of accounting, and Education) represented 37.1 percent of the 61,624 first-level degrees conferred by all land-grant institutions. At the second level, the 3 largest major fields (Education, Engineering, and Agriculture) accounted for 55.6 percent of the 14,138 second-level degrees. Of the doctorates, the 3 largest major fields (Chemistry, Agriculture, and Education) represented 35.4 percent of the 3,470 doctor’s degrees.

Of the major fields, Engineering showed the greatest increase over the preceding year in the number of degrees conferred at both the first and second levels. The increases in Engineering degrees were 507, or 6.2 percent, at the first level and 160, or 9.7 percent, at the second level. Psychology increased more than any other major field in the number of degrees conferred at the doctor’s level, with 72, or 36.0 percent, more doctor’s degrees in 1954-55 than in 1953-54. Education showed the greatest decrease from the preceding year in the number of degrees conferred at both the first and second levels. The decreases in Education were 745, or 9.5 percent, at the first level and 100, or 1.9 percent, at the second level. These decreases are due at least in part to more precise reporting. (Instructions for reporting degrees in Education, which accompanied the questionnaire on earned degrees conferred during 1954-55, are reproduced in Office of Education Circular No. 461, *Earned Degrees Conferred by Higher Educational Institutions, 1954-55*.) Zoology decreased more than any other major field in the number of degrees conferred at the doctor’s



level, with 47, or 34.3 percent, fewer degrees in 1954-55 than in 1953-54.

*Men and women receiving degrees from land-grant institutions.*—Of the 79,232 degrees conferred at all levels during 1954-55 by all 69 land-grant institutions, 71.7 percent were earned by men. In the 1,320 degree-granting institutions of higher education in the aggregate United States during the same period, men earned 65.0 percent of the degrees conferred at all levels.

In the land-grant institutions, men received 69.9 percent of the first-level degrees, 74.3 percent of the second-level degrees, and 93.0 percent of the doctorates.

The number of degrees conferred by land-grant institutions in 1954-55 increased at the second level for men and at all levels for women. First-level degrees granted to men decreased 652, or 1.5 percent, from the number granted to men the previous year; on the other hand, the number granted to women increased 258, or 1.4 percent. At the second level, men and women graduates increased 1.3 and 8.8 percent, respectively. For doctorates, the men decreased 3.2 percent from the preceding year, while women increased 23.2 percent.

Of the major fields in which degrees were earned by men in land-grant institutions during 1954-55, the greatest number of first-level degrees conferred on men was in Engineering, these degrees constituting 20.1 percent of all first-level degrees granted to men in these institutions; the greatest number at the second level was in Education, these degrees constituting 29.5 percent of all second-level degrees granted to men; and the greatest number at the doctor's level was in Chemistry, these degrees constituting 13.9 percent of the doctorates earned by men.

At each level, the major field of Education ranked first in the number of degrees conferred on women graduating from land-grant colleges and universities (30.2 percent of first-level degrees, 54.2 percent of second-level degrees, and 20.1 percent of doctorates earned by women in these institutions).

*Number of institutions conferring degrees in each major field.*—The number of land-grant colleges and universities which conferred degrees in each major field during the year ended June 30, 1955, is shown in table 10, by level of degree conferred, and by sex of recipient. This is not necessarily a count of all land-grant institutions offering majors in each field of study, since an institution may offer a major in one or more fields in which there were no graduates for the year 1954-55.

At the first level, more of the land-grant institutions conferred degrees in Agriculture than in any other major field. All of the land-grant institutions except Massachusetts Institute of Technology



granted first-level degrees with a major in this field. At the second level, Education was reported as a major field by more of the land-grant colleges and universities than any other major field. Majors in Education were reported by 54 of the 59 institutions granting second-level degrees in 1954-55. At the doctor's level, Chemistry was reported as a major field by more of the land-grant institutions which granted doctorates during 1954-55 than any other major field. Of the 40 land-grant colleges and universities granting doctor's degrees, 31 reported majors in Chemistry.

*Comparison of land-grant institutions with all institutions.*—The 69 land-grant colleges and universities, which represented 5.2 percent of the 1,320 degree-granting institutions in the aggregate United States, conferred 21.4 percent of all first-level degrees, 24.3 percent of all second-level degrees, and 39.3 percent of all doctorates conferred by the 1,320 institutions during 1954-55.

The earned degrees conferred in each major field by the 69 land-grant institutions in 1954-55, expressed as a percent of all earned degrees conferred by the 1,320 degree-granting institutions in the aggregate United States during the same period, are shown in table 11.

## FINANCES

*Current-fund income for educational and general purposes.*—The total current-fund income for educational and general purposes in the 52 institutions during the fiscal year ended June 30, 1955, was \$807,523,670 (table 12). This was an increase of almost \$60 million, or 7.8 percent, over the corresponding income for the year ended June 30, 1954. A comparison of educational and general income, by source, with the income for the previous year, is given in table E.

In the 52 institutions, total receipts of \$207,512,866 from the Federal Government for educational and general purposes were distributed as follows: Federal grants or contractual amounts for research, other than

**Table E.—CURRENT-FUND INCOME OF 52 LAND-GRANT INSTITUTIONS FOR EDUCATIONAL AND GENERAL PURPOSES, BY SOURCE OF INCOME, 1954-55, AND CHANGE FROM 1953-54**

Educational and general income, by source	Educational and general income, 1954-55		Increase over 1953-54	
	Amount	Percent of total	Amount	Percent
1	2	3	4	5
<b>Total educational and general income.....</b>	<b>\$807,523,670</b>	<b>100.0</b>	<b>\$59,098,439</b>	<b>7.8</b>
From State governments.....	396,719,104	49.1	20,610,054	5.5
From Federal Government.....	207,512,866	25.7	18,497,994	8.8
Tuition and fees from students for instruction.....	80,811,552	10.0	9,240,362	12.9
All other.....	123,480,148	15.2	10,750,040	9.1



appropriations for research at experiment stations, 66.8 percent; regular appropriations <sup>3</sup> to land-grant institutions for instruction, facilities, research at experiment stations, <sup>4</sup> and cooperative extension, <sup>5</sup> 29.7 percent; receipts from the Veterans' Administration for tuition and fees, 1.7 percent; and all other Federal grants or payments, 1.8 percent.

The receipts from the Veterans Administration, which declined 53.5 percent from the amount received the previous year, included tuition paid to the institutions for veterans enrolled under Public Laws 16, 346, and 894. The veterans enrolled under Public Law 550 ("Korean veterans") paid the institutions directly with funds received by them through the Veterans Administration. The tuition for veterans under Public Law 550 is included, therefore, in "tuition and fees received from students for instruction."

The total current-fund income for educational and general purposes in the 17 institutions attended predominantly by Negro students was \$20,242,258. This was an increase of \$632,172, or 3.2 percent, over the corresponding income for the year ended June 30, 1954. A comparison of educational and general income, by source, with the corresponding income for the previous year is given in table F.

The Morrill-Nelson and Bankhead-Jones appropriations to the 17 land-grant institutions attended predominantly by Negro students for instruction and facilities were \$473,240, or 75.4 percent of the \$627,756 received from the Federal Government for educational and general purposes. These institutions do not receive funds for agricultural experiment stations or cooperative extension service directly from the Federal Government. Receipts from the Veterans Administration for tuition and fees for veterans enrolled under Public Laws 16, 346, and 894, which represented 16.9 percent of the total Federal funds for current purposes, totaled \$106,262, a decline of 45.7 percent from the receipts of the previous year. All other Federal grants or payments, including those for research, amounted to \$48,254, constituting the remaining 7.7 percent of the total receipts from the Federal Government for current purposes.

<sup>3</sup> A brief explanation of the acts which provide funds for the land-grant institutions is given on page 75.

<sup>4</sup> The amounts shown in table 16 as income from the Federal Government for experiment stations do not necessarily agree with the allotments made to State Agriculture Experiment Stations as reported by the Department of Agriculture. The major differences are, in Connecticut (in which State, the Federal funds for experiment stations are divided between a State station and the land-grant college station) and in Ohio (in which State the experiment station is entirely separate from the land-grant college). In other States where there are differences, the amounts of difference are small, and generally reflect unexpended balances of funds received in the previous year.

<sup>5</sup> The amounts shown in table 16 for funds received under the Smith-Lever Act of 1914 as amended, the Agricultural Marketing Act of 1946 (section 306), and the Clarke-McNary Act (section 5) do not necessarily agree with the allotments under these acts as reported by the United States Department of Agriculture. It must be remembered, that the United States Department of Agriculture report shows "funds allotted for Cooperative Extension work in the States, Alaska, Hawaii, and Puerto Rico"—these are not necessarily funds allotted to the land-grant colleges. For example, the Clarke-McNary Act specifies that the money is appropriated annually to enable the Secretary of Agriculture to cooperate with "the land-grant colleges and universities of the various States or, in his discretion, with other suitable State agencies. . . ."



Table F.—CURRENT-FUND INCOME OF 17 LAND-GRANT INSTITUTIONS ATTENDED PREDOMINANTLY BY NEGRO STUDENTS FOR EDUCATIONAL AND GENERAL PURPOSES, BY SOURCE OF INCOME, 1954-55, AND CHANGE FROM 1953-54

Educational and general income, by source	Educational and general income, 1954-55		Increase over 1953-54	
	Amount	Percent of total	Amount	Percent
1	2	3	4	5
Total educational and general income.....	\$26,242,268	100.0	\$632,172	2.4
From State governments.....	15,851,709	78.3	712,678	4.7
From Federal Government.....	627,766	3.1	-101,946	-14.0
Tuition and fees from students for instruction.....	2,712,304	13.4	78,848	3.0
All other.....	1,050,489	5.2	-58,406	-5.8

*Current-fund expenditures for educational and general purposes.*—In the 52 institutions, a total of \$793,254,150 was spent for current educational and general purposes during the fiscal year ended June 30, 1955 (table 13). This was an increase of more than \$62 million, or 8.5 percent, over the corresponding expenditures for 1953-54. In each of the seven categories for which educational and general expenditures for the fiscal year ended June 30, 1955, were reported, there was an increase over the preceding year, ranging from 1.5 percent increase in organized activities related to educational departments to 12.3 percent increase in extension and public services. The percentage distribution of the expenditures for educational and general purposes among the seven categories is shown in table H.

In the 17 institutions attended predominantly by Negro students, total expenditures for educational and general purposes for the fiscal year ended June 30, 1955, were \$20,191,103. This was an increase of more than \$1 million, or 7.1 percent, over the corresponding expenditures for 1953-54. Increases occurred in six of the seven categories in which educational and general expenditures were reported, ranging from 0.3 percent increase for extension and public services to 88.5 percent increase for organized research (separately budgeted). Expenditures for organized activities related to educational departments decreased 7.8 percent.

The percentage distribution of the expenditures for educational and general purposes among the 7 categories reported by the 17 institutions attended predominantly by Negro students was as follows: instruction and departmental research, 55.7 percent; operation and maintenance of the physical plant, 20.8 percent; administrative and general expense, 13.5 percent; organized activities related to educational departments, 5.1 percent; maintenance of libraries, 3.7 per-



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cent; extension and public services, 1.1 percent; and organized research, separately budgeted, 0.1 percent.

*Percentage analysis of current-fund income and current-fund expenditures for 52 institutions.*—The 52 institutions were classified into four groups according to the total amount of current-fund income for educational and general purposes received during the fiscal year ended June 30, 1955. The percentages from seven sources of income and a miscellaneous item are given in table G for each of the four groups of institutions and for all the 52 institutions. Similarly, in table H, the 52 institutions are classified according to the amount of current-fund expenditures for educational and general purposes, with the percentages given for seven expenditure items.

Almost one-half (49.1 percent) of the income received by the 52 institutions during the year ended June 30, 1955, for educational and general purposes was from State governments; last year the corresponding percent was 50.2. For each of the four groups, a larger percent of the income for educational and general purposes was from State governments than from any other source. Last year this was true for all except the "Over \$30 million" group; in that year, the "Over \$30 million" group, which was composed of four institutions (University of California, University of Illinois, Massachusetts Institute of Technology, and University of Minnesota), received a larger percent of income (42.8) from the Federal Government than from any other source. For the year ended June 30, 1955, the "Over \$30

TABLE G.—PERCENTAGE ANALYSIS OF CURRENT-FUND INCOME OF 69 LAND-GRANT INSTITUTIONS, BY INCOME-GROUP OF INSTITUTION, 1954-55

Classification, by amount of current-fund income	Number of institutions in class	Total	Percent of current-fund income for educational and general purposes from—							
			Tuition and fees from students for instruction	Federal Government	State governments	County, city or district governments	Endowment earnings	Private gifts and grants	Sales and services of organized activities	Miscellaneous sources
1	2	3	4	5	6	7	8	9	10	11
52 institutions..	52	199.0	10.9	25.7	49.1	0.7	1.9	4.1	0.6	2.5
Over \$30,000,000.....	7	100.0	8.9	34.8	40.1	0.2	1.9	5.3	7.5	1.3
\$20,000,000-\$30,000,000.....	3	100.0	12.7	18.7	55.1	( <sup>1</sup> )	.3	4.3	8.9	6.7
\$10,000,000-\$19,999,999.....	14	100.0	10.4	16.9	67.7	1.7	.7	3.4	8.9	8.4
Under \$10,000,000.....	28	100.0	10.9	19.6	67.4	1.1	.6	2.0	6.0	2.3
17 institutions <sup>2</sup> ..	17	266.0	12.4	2.1	78.8	0.5	0.1	0.4	2.5	0.7

<sup>1</sup> Less than 0.05 percent.

<sup>2</sup> In none of these 17 institutions was the amount of current-fund income for educational and general purposes as much as \$3,000,000.



Table H.—PERCENTAGE ANALYSIS OF CURRENT-FUND EXPENDITURES OF 69 LAND-GRANT INSTITUTIONS, BY EXPENDITURE-GROUP OF INSTITUTION: 1954-55

Classification, by amount of current-fund expenditures	Number of institutions in class	Percent of current-fund expenditures for educational and general purposes for—							
		Total	Administration and general expense	Instruction and departmental research	Organized research	Extension and public services	Libraries	Operation and maintenance of the physical plant	Organized activities related to educational departments
1	2	3	4	5	6	7	8	9	10
52 institutions.....	52	100.0	7.5	33.8	39.8	12.9	2.3	9.0	6.7
Over \$30,000,000.....	6	100.0	6.8	30.2	39.9	6.6	2.3	7.6	6.6
\$20,000,000-\$29,999,999.....	3	100.0	9.8	43.2	18.2	11.4	2.1	10.0	8.6
\$10,000,000-\$19,999,999.....	14	100.0	7.4	33.3	21.6	19.2	2.4	9.4	6.7
Under \$10,000,000.....	29	100.0	7.9	36.3	18.7	19.1	2.3	10.8	5.9
17 institutions <sup>1</sup> .....	17	100.0	12.5	55.7	6.1	1.1	3.7	20.6	5.1

<sup>1</sup> In none of these 17 institutions was the amount of current-fund expenditures for educational and general purposes as much as \$3,000,000.

million" group, which is composed of seven institutions (University of California, University of Illinois, Massachusetts Institute of Technology, University of Minnesota, Cornell University, Ohio State University, and University of Wisconsin), received slightly more than one-third (34.8 percent) of its income for educational and general purposes from the Federal Government. According to the data in table 16, Federal grants or contractual amounts for research accounted for 90.5 percent of the Federal funds received by the "Over \$30 million" group; the corresponding percent for last year was 94.2.

For expenditures, the "Over \$30 million" group, which is composed of six of the seven institutions mentioned above (all except Cornell University), was the only group in which the percent of total current-fund expenditures for educational and general purposes represented by expenditures for organized research exceeded the percent represented by expenditures for instruction. For this group, about two-fifths (39.8) of the expenditures for educational and general purposes was for organized research. For the 52 institutions, administration and general expense was 7.5 percent of the total expenditures for educational and general purposes. For two of the four groups, the "Over \$30 million" and the \$10-20 million groups (table H), the percentage was below 7.5. It should be remembered, however, that there is some variation among the institutions in reporting expenditures for administration and general expense. In some institutions, staff benefits (group insurance, contributions to pensions or retirement allowances, employer's social security taxes, direct pension



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payments, etc.) are included in general expense. In other institutions, staff benefits are charged to the separate departments or functions (such as instruction, operation and maintenance of the physical plant, and auxiliary enterprises). Also the reporting of expenditures for student services will vary according to the institutional organization. In some institutions, all expenditures for student services are included in administrative and general expense; in others, some student services (such as student counseling) are performed by the instructional staff and charged to instruction, while others (such as the health service) are operated as an auxiliary enterprise and are intended to be self-supporting.

*Physical plant assets.*—In the 52 institutions, the value of additions to physical plant assets (including appraised or nominal value of gifts) was \$174,739,722 (table 20). This was an increase of almost \$26 million or 17.3 percent over the value of additions in 1953-54. The additions were distributed as follows: 2.0 percent for land; 75.9 percent for buildings and improvements other than buildings; 22.1 percent for furniture and equipment; and less than one-half of one percent (0.03) in unfinished construction or construction materials and supplies.

For the 17 institutions attended predominantly by Negro students, the value of additions to physical plant assets was \$15,974,148. This was an increase of over \$6 million or 65.0 percent over the value of additions in 1953-54. The \$15,974,148 in additions were distributed as follows: 0.1 percent for land, 81.9 percent for buildings and improvements other than buildings, 12.4 percent for furniture and equipment, and 5.6 percent in unfinished construction or construction materials and supplies.

In the 52 institutions, almost \$90 million were added to the plant funds during the year ended June 30, 1955 (table 21). Of this, 1.9 percent was received from the Federal Government, 72.9 percent from State governments, 0.4 percent from local governments, 13.1 percent from private gifts and grants, and 11.7 percent from "other sources except transfers and loans." In addition to the almost \$90 million, transfers to plant funds from current funds in the 52 institutions amounted to almost \$14 million; loans to plant funds from institutional funds, and plant-fund receipts from bond issues, mortgages, etc., amounted to almost \$43 million.

In the 17 institutions attended predominantly by Negro students, over \$8 million were added to the plant funds during the year ended



June 30, 1955. Of this, 95.6 percent was from State governments, 1.2 percent from private gifts and grants, and 3.2 percent from "other sources except transfers and loans." In addition to the over \$8 million, loans to plant funds in the 17 institutions amounted to over \$1 million, and transfers from current funds amounted to \$100,000.

Total plant assets in the 52 institutions as of June 30, 1955 were valued at \$2,221,652,198 (table 22). Of this amount, \$2,070,788,391 was reported as the value of the physical plant assets and \$150,863,807 as the value of the liquid assets of plant funds. In three institutions, the amounts reported for value of physical plant assets included increased valuation (a total of \$5,353,540 for the three institutions) in buildings and/or furniture and equipment for insurance purposes. In Iowa State College, the amount reported as the value of liquid assets of plant funds included \$978,542 as undrawn balance of State appropriations for capital improvement.

Total plant assets in the 17 institutions attended predominantly by Negro students were valued at \$104,012,671. Of this amount, \$97,106,583 was reported as the value of the physical plant assets and \$6,906,088 as the value of liquid assets of plant funds.

*Comparison of land-grant institutions with all institutions.*—A comparison of the income and expenditure of all institutions of higher education for the year ended June 30, 1955 is not possible, since financial data for institutions of higher education other than for the land-grant colleges and universities are collected only biennially. Comparisons for the year ended June 30, 1954 (the most recent year for which financial data for all institutions of higher education are available) are given below. The 69 land-grant institutions, which represented 3.7 percent of the 1,869<sup>\*</sup> institutions of higher education in the aggregate United States in 1953-54, received approximately one-third (32.6 percent) of the total current-fund income for educational and general purposes received by the 1,869 institutions of higher education during 1953-54. Educational and general income by source, and the percent which the amount received by the 69 land-

<sup>\*</sup> The number of institutions of higher education in the aggregate United States in 1953-54 was 1,871. In 1954-55, data for Radford College, Woman's Division of Virginia Polytechnic Institute and Potomac State College of West Virginia University are reported with the parent institutions. In this bulletin, for purposes of comparison, data for 1953-54 for these two branch institutions were combined with data for the parent institutions also. Thus, the total number of institutions in 1953-54 was reduced (for this study) from 1,871 to 1,869.



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grant institutions is of the amount received by all 1,869 institutions and by the 4-year institutions during 1953-54, are as follows:

<i>Source of current-fund income for educational and general purposes</i>	<i>Percent of all institutions</i>	<i>Percent of 4-year institutions</i>
State governments.....	52.1	54.6
Federal Government.....	45.2	45.6
Organized activities.....	29.8	29.9
Private gifts and grants.....	15.8	16.6
Tuition and fees from students for instruction.....	13.4	14.1
Endowment earnings.....	8.4	8.6
Local governments.....	5.1	11.3
All other sources.....	31.7	32.9

The current-fund expenditures of the 69 land-grant institutions for educational and general purposes in 1953-54 were approximately one-third (32.8 percent) of the corresponding expenditures of the 1,869 institutions of higher education during the same period. Educational and general expenditures by purpose, and the percent which the amount expended by the 69 land-grant institutions is of the amount expended by all 1,869 institutions during 1953-54, are as follows:

<i>Expenditures for educational and general purposes</i>	<i>Percent of all institutions</i>	<i>Percent of 4-year institutions</i>
Extension and public services.....	79.6	81.7
Organized research (separately budgeted).....	54.2	54.2
Organized activities related to educational departments.....	28.4	28.6
Instruction and departmental research.....	26.3	28.5
Operation and maintenance of physical plant.....	25.5	27.7
Libraries.....	24.8	26.0
Administration and general expense.....	19.8	21.3

Additions to physical plant assets in the 69 land-grant institutions during the year ended June 30, 1954 were 29.8 percent of the value of additions in all institutions of higher education and 31.4 percent of the additions in all 4-year institutions.

Total value of physical plant assets, as of June 30, 1954, in the 69 land-grant institutions was 26.0 percent of the value of physical plant

assets reported by all institutions of higher education, and 27.6 percent of the value reported by the 4-year institutions. Liquid assets of plant funds in the 69 land-grant institutions were 36.9 percent of the value of such funds in all institutions of higher education as of June 30, 1954, and 39.5 percent of such funds in the 4-year institutions.

Table 1.—SUMMARY OF ENROLLMENT IN LAND-GRANT INSTITUTIONS.  
NOVEMBER 1954

Item	52 institutions			17 institutions attended predominantly by Negro students		
	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7
Enrollment of resident students of college grade	404,961	294,994	109,967	23,438	10,873	12,565
Undergraduate	351,445	252,997	98,448	22,377	10,460	11,917
Full-time	321,512	234,338	87,174	21,361	10,142	11,219
Part-time	29,933	18,659	11,274	1,016	318	698
Graduate	53,516	41,997	11,519	1,061	413	648
First-time undergraduate students (included in undergraduate enrollment)	94,776	66,122	28,654	7,281	3,619	3,662
Full-time	89,456	63,056	26,400	7,196	3,572	3,623
Part-time	5,320	3,066	2,254	86	47	39
Special or unclassified students (included in undergraduate or graduate enrollment according to level of work pursued)	15,330	9,459	5,871	399	197	202
Enrollment in extension courses	96,390	63,101	33,288	2,522	400	2,122
College-grade	54,843	30,093	24,750	2,522	400	2,122
Non-college-grade	41,546	33,008	8,538			
Enrollment in correspondence courses	46,153	23,433	22,720	154	28	126
College-grade	35,020	16,405	18,615	154	28	126
Non-college-grade	11,133	7,028	4,105			
Enrollment in adult education (non-college-grade)	19,104	12,867	6,237	1,519	886	633
Enrollment in short courses	33,884	25,410	8,474	130	74	56
Enrollment in individual lessons only	319	111	208			



# 16 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

**Table 2.—SUMMARY OF REGULAR SESSION ENROLLMENTS IN LAND-GRANT INSTITUTIONS, BY LEVEL: 1936-37 TO 1954-55**

Year	Total (excluding duplicates)		Graduate students		Special students		Undergraduate students (excluding duplicates)	
	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9
<b>42 institutions</b>								
1936-37	184,623	63,351	13,359	5,398	1,028	1,474	139,636	56,579
1937-38	167,130	67,802	14,823	5,481	1,877	1,825	150,550	60,628
1938-39	179,040	71,640	16,537	5,405	2,141	1,632	160,622	64,531
1939-40	184,218	74,902	17,720	5,956	2,245	1,755	164,560	67,417
1940-41	182,916	76,118	17,398	5,924	2,356	1,713	163,455	68,646
1941-42	166,916	74,776	13,892	5,460	1,899	1,678	151,640	67,811
1942-43	153,588	70,925	8,421	4,796	2,132	1,711	143,106	64,136
1943-44	180,390	76,038	6,797	4,274	2,312	1,445	171,383	70,403
1944-45	93,275	88,641	6,264	4,987	4,116	1,940	82,980	81,814
1945-46	191,919	102,190	16,277	6,219	5,482	1,480	170,215	94,548
1946-47	355,597	109,117	27,077	7,906	4,925	1,818	324,598	99,398
1947-48	390,558	108,319	31,772	9,604	5,105	4,016	353,681	94,699
1948-49	393,317	106,138	37,332	10,786	6,380	4,296	349,905	90,057
1949-50	378,611	105,549	46,714	11,300	6,085	4,472	325,202	89,708
1950-51	334,822	108,130	49,369	11,675	7,141	4,675	278,312	91,780
1951-52	291,658	107,240	47,325	11,350	5,816	3,801	238,542	92,089
1952-53	294,928	111,035	43,356	12,044	7,267	4,902	244,305	94,089
1953-54 <sup>1</sup>	308,011	117,788	48,557	13,810	(7)	(7)	259,454	103,978
1954-55 <sup>2</sup>	294,994	109,967	41,997	11,519	(7)	(7)	252,997	98,448
<b>17 institutions attended predominantly by Negro students</b>								
1936-37	4,759	5,506			(7)	(7)	4,759	5,506
1937-38	4,960	5,741	3	8	(7)	(7)	4,957	5,733
1938-39	5,576	6,208	17	16	193	205	5,383	6,087
1939-40	6,033	6,432	33	28	230	223	5,770	6,181
1940-41	6,443	6,917	53	95	321	178	6,069	6,644
1941-42	5,987	6,929	44	65	199	91	5,744	6,772
1942-43	4,361	6,815	25	35	195	150	4,141	6,630
1943-44	2,129	7,275	18	54	24	22	2,087	7,199
1944-45	2,501	8,898	27	61	136	85	2,338	8,752
1945-46	5,561	10,200	71	104	284	98	5,106	9,996
1946-47	11,427	8,977	116	103	754	91	10,557	8,783
1947-48	13,943	10,164	128	130	968	194	13,147	9,840
1948-49	13,576	10,407	127	179	527	84	12,923	10,144
1949-50	13,122	10,429	210	131	225	130	12,686	10,118
1950-51	12,074	11,464	394	334	224	298	11,456	10,833
1951-52	10,699	11,938	418	195	210	358	10,071	11,385
1952-53	11,144	13,277	511	432	221	219	10,412	12,626
1953-54	11,000	12,975	532	541	(7)	(7)	10,468	12,434
1954-55 <sup>3</sup>	10,873	12,565	413	648	(7)	(7)	10,460	11,917

<sup>1</sup> Data previously published for 1953-54 were revised to include Radford College, Woman's Division of Virginia Polytechnic Institute, and the Potomac State College Branch of West Virginia University.

<sup>2</sup> Special students are included as undergraduate or graduate according to level of work pursued.

<sup>3</sup> Data are as of November 1954.

Table 3.—SUMMARY OF DEGREES GRANTED IN LAND-GRANT INSTITUTIONS.  
1954-55 AND 1953-54

Item	1954-55			1953-54		
	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7
Total degrees in all land-grant institutions.....	79,232	56,886	22,426 <sup>1</sup>	79,257	57,429	21,828
First-level degrees in given field of study.....	61,624	43,069	18,555	62,018	43,721	18,297
Second-level degrees in given field of study.....	14,138	10,511	3,627	13,709	10,376	3,333
Doctor's (except when a first-level degree).....	3,470	3,226	244	3,530	3,332	198

<sup>1</sup> For comparability between the 2 years, the data previously published for 1953-54 were revised to include Radford College, Woman's Division of Virginia Polytechnic Institute and the Potomac State College Branch of West Virginia University.



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Table 4.—SUMMARY OF FINANCES OF LAND-GRANT INSTITUTIONS:  
1954-55 AND 1953-54

Item	1954-55		1953-54	
	52 institu- tions	17 institu- tions at- tended pre- dominantly by Negro students	52 institu- tions <sup>1</sup>	17 institu- tions at- tended pre- dominantly by Negro students
1	2	3	4	5
<b>Total current income</b> .....	\$959, 173, 919	\$37, 549, 851	\$985, 514, 281	\$26, 863, 299
Educational and general.....	807, 523, 670	20, 242, 259	745, 917, 240	19, 610, 086
Tuition and fees from students for instruction.....	80, 811, 552	2, 712, 204	71, 571, 200	2, 632, 458
Federal Government.....	307, 512, 666	627, 756	189, 014, 852	729, 702
Receipts from Veterans' Administration for tuition and fees.....	3, 527, 398	106, 262	7, 587, 745	195, 751
Regular appropriations to land-grant institu- tions.....	61, 517, 299	473, 240	50, 077, 053	474, 594
Grants or contractual amounts for research.....	138, 081, 697	38, 186	126, 354, 532	34, 000
Other grants or payments.....	3, 786, 533	10, 098	3, 095, 252	25, 367
State governments.....	396, 719, 104	15, 851, 709	370, 109, 050	15, 139, 031
County, city, or district governments.....	3, 834, 628	98, 729	4, 453, 332	58, 642
Endowment earnings.....	10, 177, 572	25, 637	10, 741, 284	28, 729
Private gifts and grants.....	32, 865, 164	77, 101	30, 130, 167	73, 973
Sales and services of organized activities.....	53, 527, 576	706, 617	48, 502, 255	744, 460
Miscellaneous.....	20, 075, 208	139, 405	18, 395, 070	303, 101
Auxiliary enterprises.....	144, 297, 177	7, 032, 412	133, 582, 665	7, 134, 789
Income for scholarships, fellowships, and prizes.....	7, 353, 072	285, 181	6, 314, 306	117, 417
<b>Total current expenditures</b> .....	\$43, 154, 964	\$7, 161, 391	\$71, 505, 629	\$5, 969, 755
Educational and general.....	798, 254, 180	20, 191, 103	730, 924, 852	18, 848, 173
Administration and general expense.....	59, 143, 918	3, 723, 125	54, 996, 457	2, 480, 299
Instruction and departmental research.....	264, 503, 990	11, 255, 609	244, 287, 309	10, 338, 507
Organized research.....	234, 581, 479	31, 193	203, 132, 432	16, 550
Extension and public services.....	102, 299, 229	213, 855	91, 116, 238	213, 275
Libraries.....	18, 322, 460	738, 876	17, 518, 679	717, 739
Operation and maintenance of the physical plant.....	71, 305, 720	4, 193, 926	67, 552, 591	3, 954, 211
Organized activities related to educational de- partments.....	53, 096, 394	1, 034, 519	52, 321, 146	1, 121, 601
Auxiliary enterprises.....	138, 628, 821	6, 731, 538	129, 636, 549	6, 716, 930
Expenditures for scholarships, fellowships, and prizes.....	11, 301, 033	238, 690	10, 944, 226	463, 622

<sup>1</sup> For comparability between the 2 years, data previously published for 1953-54 were revised to include Radford College, Woman's Division of Virginia Polytechnic Institute and the Potomac State College Branch of West Virginia University.

Table 3.—SUMMARY OF FUNDS OF FEDERAL ORIGIN RECEIVED BY LAND-GRANT INSTITUTIONS: 1954-55 AND 1953-54

Item	1954-55		1953-54	
	52 institutions	17 institutions attended predominantly by Negro students	52 institutions <sup>1</sup>	17 institutions attended predominantly by Negro students
1	2	3	4	5
<b>ALL FUNDS OF FEDERAL ORIGIN</b>	<b>\$212,632,346</b>	<b>\$954,949</b>	<b>\$194,577,346</b>	<b>\$1,257,096</b>
<b>Federal appropriations</b>	<b>62,925,975</b>	<b>473,240</b>	<b>58,969,267</b>	<b>474,584</b>
Funds for instruction and facilities: Morrill-Nelson and Bankhead-Jones funds (title II, sec. 22)	4,578,260	473,240	4,570,916	474,584
Funds for research (experiment stations)	18,348,523		13,206,676	
Hatch-Adams funds	1,479,897		1,484,561	
Purcell funds	2,966,123		2,969,959	
Bankhead-Jones funds (title I, sec. 5)	2,724,627		2,731,779	
Bankhead-Jones funds (title I, sec. 9 (b) 1 and 9 (b) 2)	7,994,404		4,185,900	
Bankhead-Jones funds (title I, sec. 9 (b) 3)	2,667,184		1,535,013	
Research under Agricultural Marketing Act	516,378		299,464	
<b>Funds for cooperative extension</b>	<b>30,108,202</b>		<b>32,285,670</b>	
Smith-Lever funds	28,208,938		31,699,757	
Extension under Agricultural Marketing Act	812,290		468,625	
Cooperative Farm Forestry	87,065		88,270	
Farm Housing	( <sup>2</sup> )		28,718	
<b>Endowment income from land-grant funds</b>	<b>2,661,184</b>	<b>26,284</b>	<b>2,846,141</b>	<b>26,394</b>
Income from 1862 land-grant funds	1,967,958	26,284	1,948,394	26,394
Income from other Federal land-grant funds	693,226		897,747	
<b>Other Federal funds</b>	<b>147,741,987</b>	<b>154,516</b>	<b>141,661,943</b>	<b>756,126</b>
<b>Receipts for educational and general purposes</b>	<b>145,995,628</b>	<b>154,516</b>	<b>138,937,829</b>	<b>255,118</b>
Funds from Veterans' Administration for tuition and fees	3,527,398	106,262	7,587,745	195,751
Federal research funds (excluding those designated for experiment stations)	128,651,697	38,156	128,254,932	34,000
Other Federal grants and payments	3,786,533	10,098	3,095,252	25,367
<b>Receipts for plant expansion from Federal Government</b>	<b>1,746,350</b>		<b>2,724,114</b>	<b>601,012</b>

<sup>1</sup> For comparability between the 2 years, data previously published for 1953-54 were revised to include Radford College, Woman's Division of Virginia Polytechnic Institute and the Potomac State College Branch of West Virginia University.

<sup>2</sup> Work previously financed by the Farm Housing Act of July 15, 1949, was absorbed within the Smith-Lever Act.



Table 6.—RESIDENT ENROLLMENT IN COURSES OF COLLEGE GRADE IN LAND-GRANT INSTITUTIONS, BY LEVEL OF STUDENT, AND BY SEX OF STUDENT; NOVEMBER 1954

Institution	ALL RESIDENT ENROLLMENT			UNDERGRADUATE ENROLLMENT								GRADUATE ENROLLMENT		
	Total	Men	Women	All undergraduate enrollment			Full-time		Part-time			Total	Men	Women
				Total	Men	Women	Men	Women	Men	Women				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
All Institutions	438,389	244,987	174,322	374,523	205,457	119,385	244,490	88,282	18,977	11,972	14,577	62,419	12,147	
28 Institutions	404,961	234,954	169,957	351,445	202,907	98,443	234,299	87,174	18,689	11,374	13,818	41,997	11,419	
Alabama Polytechnic Institute	7,059	4,300	1,689	4,598	4,118	1,480	4,081	1,461	37	19	481	272	129	
University of Alaska	9,905	5,561	2,344	4,381	4,046	335	4,371	1,023	217	141	34	13	11	
University of Arizona	4,790	2,565	1,265	4,364	4,014	1,756	4,307	1,578	217	107	251	241	110	
University of Arkansas	4,927	2,806	1,421	4,008	3,611	1,063	4,071	1,058	40	78	834	495	289	
University of California	35,273	22,905	12,358	26,941	16,722	10,319	15,722	10,319				7,153	2,069	
Colorado A. & M. College	3,967	2,011	1,076	3,764	2,725	1,029	3,851	1,009	54	20	229	176	47	
University of Connecticut	8,054	4,750	2,288	4,400	4,009	1,991	4,429	1,778	30	113	1,038	1,241	267	
University of Delaware	2,928	1,928	960	1,962	1,331	761	1,183	740	18	21	1,008	707	199	
University of Florida	8,882	7,539	2,328	8,337	7,610	1,927	8,290	1,813	320	114	1,325	929	396	
University of Georgia	12,058	6,828	4,260	11,350	7,948	3,403	8,153	2,139	2,795	1,243	1,728	380	348	
University of Hawaii	4,780	2,308	2,223	4,113	2,708	1,847	2,135	1,738	111	108	667	302	375	
University of Idaho	2,250	2,385	885	2,973	2,140	833	2,140	833			277	241	32	
University of Illinois	22,218	17,133	5,085	19,130	14,649	4,680	14,360	4,172	350	318	3,058	2,403	655	
Purdue University (Ind.)	10,501	8,604	1,957	9,024	7,236	1,798	8,000	1,745	236	83	1,337	1,378	159	
Iowa State College	8,303	4,685	1,973	7,416	5,646	2,768	6,646	1,768	2,795	1,243	1,728	380	348	
Kansas State College	3,353	2,344	1,441	3,020	2,927	1,273	3,468	1,357	89	6	385	317	68	
University of Kentucky	4,366	4,322	2,044	3,719	3,654	1,554	3,532	1,454	312	400	365	408	190	
Louisiana State University	9,070	5,541	2,528	7,938	6,957	2,211	8,318	1,734	379	487	648	844	327	
University of Maine	2,032	2,269	763	2,980	2,181	728	2,166	1,744	15	14	18	85	5	
University of Maryland	14,902	11,028	3,884	12,886	9,186	3,354	10,371	2,006	2,926	1,288	2,432	1,822	630	
Massachusetts Institute of Technology	4,348	2,940	1,308	4,481	4,411	70	4,386	85	28	5	1,867	1,829	38	
University of Massachusetts	4,957	2,767	1,308	3,798	3,411	1,264	3,479	1,224	45	40	1,390	1,343	46	
Michigan State University of Agriculture and Applied Science	10,374	10,050	4,209	13,038	8,741	4,897	7,081	4,380	1,069	547	1,608	1,324	312	
University of Minnesota	20,308	14,557	5,843	17,340	11,951	5,389	11,489	5,062	482	327	2,009	2,009	433	
Mississippi State College	3,075	2,793	261	2,873	2,038	345	2,444	128	184	119	201	165	36	
University of Missouri	8,516	7,026	1,885	8,683	6,510	1,953	8,717	1,817	93	34	853	718	335	
Montana State College	2,316	1,017	1,089	2,221	1,557	684	1,618	649	39	35	95	89	16	



University of Nebraska	7,197	4,135	2,829	4,439	4,521	1,900	4,470	1,889	51	20	767	617	160
University of Nevada	1,770	1,149	1,021	1,091	1,021	1,000	1,043	1,423	239	166	79	47	32
University of New Hampshire	2,060	2,085	2,857	2,857	1,952	905	1,029	908	23	27	173	133	60
Rutgers University (N. J.)	11,591	8,713	2,878	9,353	9,859	2,460	2,854	2,458	2,903	1,091	2,253	1,854	279
New Mexico A. & M. College	2,083	1,591	1,445	1,845	1,454	2,304	1,310	1,317	1,144	77	1,185	1,137	48
Cornell University (N. Y.)	10,269	7,097	2,673	2,844	2,914	2,310	2,425	2,208	1,09	52	1,418	1,153	263
North Carolina State College	4,278	4,228	39	2,945	2,910	38	2,899	17	110	19	1,322	318	14
North Dakota Agricultural College	2,046	1,957	430	1,945	2,513	302	1,899	356	14	6	171	94	77
Ohio State University	20,340	14,660	5,780	17,092	12,314	5,246	10,895	4,494	1,286	754	2,787	2,225	522
Oklahoma A. & M. College	9,561	7,205	2,356	8,708	9,793	1,973	2,443	1,820	1,466	146	703	932	191
Oregon State College	2,241	2,810	1,435	2,427	2,427	1,260	2,401	1,353	26	27	634	379	85
Pennsylvania State University	14,271	10,963	3,308	12,957	9,798	2,160	2,957	2,083	1,21	168	1,334	1,097	257
University of Puerto Rico	11,373	8,050	4,722	11,127	9,328	4,360	8,351	2,108	1,197	1,493	1,245	1,122	129
University of Rhode Island	2,164	1,308	676	2,009	1,435	574	1,429	544	6	30	136	125	32
Clemson Agricultural College (S. C.)	2,633	2,078	25	2,569	2,551	18	2,497	54	54	13	64	57	7
South Dakota State College	2,088	1,927	491	2,033	1,544	489	1,544	469	258	18	63	63	2
Pennsylvania State University	4,301	4,375	1,020	4,262	3,762	1,027	3,341	1,349	361	258	1,132	813	319
A. & M. College of Texas	6,257	6,257	4,538	4,538	4,538	4,538	4,777	4,777	61	419	419	419	
Utah State Agricultural College	3,919	2,832	1,117	3,026	2,863	1,063	2,371	961	192	102	293	220	64
University of Vermont	2,665	1,767	938	2,462	1,543	919	1,501	852	42	37	253	214	10
Virginia Polytechnic Institute	4,266	3,210	947	4,030	3,122	978	3,114	845	8	23	296	197	30
State College of Washington	5,168	4,438	1,730	4,838	3,135	1,693	3,051	1,043	84	28	303	303	37
West Virginia University	4,927	4,363	1,564	4,364	3,868	1,486	3,702	1,213	100	271	573	373	186
University of Wisconsin	17,844	12,513	5,331	14,941	10,114	4,827	9,254	4,000	830	277	2,908	2,399	594
University of Wyoming	2,728	1,875	5,833	2,408	1,046	852	1,679	4,782	17	40	230	179	51
Students attended predominantly by Negro students													
Alabama A. & M. College	22,426	19,573	12,545	22,277	19,489	11,917	19,147	11,319	313	899	1,441	413	949
A. M. & N. College (Ark.)	1,078	477	691	1,079	477	831	477	901	4	54			
Delaware State College	1,302	651	651	1,232	551	651	547	597					
Florida A. & M. University	2,414	1,180	64	1,180	1,114	66	1,114	66	20	41	253	99	185
Fort Valley State College (Ga.)	710	4,107	1,377	2,132	1,018	1,124	983	1,083	2	1			
Kentucky State College	437	241	469	710	241	469	239	468	2	1			
Southern University & A. & M. College (La.)	437	227	210	437	327	310	233	204	4	6			
Maryland State College	3,373	1,944	3,029	2,273	1,244	2,029	1,244	2,029					
Alcorn A. & M. College (Miss.)	977	266	433	348	112	433	257	261	7	173	11	3	8
Lincoln University (Mo.)	980	368	312	990	365	304	347	280	13	24			
A. & T. College of North Carolina	2,086	1,285	891	1,797	1,162	628	1,162	628	25	11	296	123	173
Langston University (Okla.)	617	307	310	617	310	310	282	289	25	4	299	97	169
South Carolina State College	1,352	638	756	1,116	829	867	826	853	3	4	39	30	20
Tennessee A. & I. State University	2,260	1,074	1,196	2,044	1,167	1,044	1,044	1,157	19	13	100	44	53
Pratt View A. & M. College (Tex.)	2,852	1,190	1,469	2,562	1,122	1,410	1,133	1,398					
Virginia State College	2,423	943	1,432	2,378	903	1,432	816	1,104	111	348	47	17	30
West Virginia State College	2,957	613	874	2,957	613	874	608	340	106	25			



Table 7.—ENROLLMENT IN EXTENSION, CORRESPONDENCE, ADULT EDUCATION, SHORT COURSES, AND IN INDIVIDUAL LESSONS ONLY, IN LAND-GRANT INSTITUTIONS, BY TYPE OF COURSE: NOVEMBER 1954

Institution	ENROLLMENT IN EXTENSION COURSES						ENROLLMENT IN CORRESPONDENCE COURSES				ENROLLMENT IN ADULT EDUCATION (NONCOLLEGE GRADE)				ENROLLMENT IN SHORT COURSES		ENROLLMENT IN INDIVIDUAL LESSONS ONLY	
	All extension enrollment						College grade				Noncollege grade				Men		Women	
	Men		Women		Total		Men		Women		Men		Women		Men		Women	
	Total	Men	Women	Men	Women	Total	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
<b>All institutions.</b>	195,981	63,561	33,429	36,493	29,872	106,465	10,428	19,741	7,028	4,165	12,713	8,976	25,034	5,529	111	17	19	396
<b>29 institutions.</b>	94,999	32,161	21,299	36,965	24,769	63,865	10,466	12,615	7,028	4,165	12,957	8,237	25,419	5,474	111	17	19	396
Alabama Polytechnic Institute.	226	42	186	42	186	111	111	96										
University of Alaska.	481	424	57	424	57	496	496	541			109	41	331	143				
University of Arizona.	957	427	530	427	530	957	957	713	243	210								
University of Arkansas.	74	44	30	44	30	74	44	30	34	40								
University of California.	27,029	17,769	9,260	9,760	4,384	8,019	1,408	1,126	354	126								
Colorado A. & M. College.	13	13		13														
University of Connecticut.	1,301	862	439	862	439	215	215	86										
University of Delaware.	1,680	1,176	504	1,176	504													
University of Florida.	1,137	318	819	318	819	1,506	749	757	408	262								
University of Georgia.	272	99	173	99	173	1,405	1,405	1,260	145	5								
University of Hawaii.	1,304	1,198	266	514	70	594	118	63	28	61								
University of Idaho.	306	285	70	285	70	325	325	269	56	61								
University of Illinois.	2,157	1,281	776	715	529	695	923	676										
Purdue University (Ind.).	2,745	3,422	323	1,372	295	12,650	1,285											
Iowa State College.	147	53	94	53	94													
Kansas State College.	726	471	255	461	220	10	35	748	343	343								
University of Kentucky.	1,703	514	1,189	1,000	509	264	679	745	144	116								
Louisiana State University.	1,828	817	711	364	613	453	88	745	36	36								
University of Maine.	657	190	457	180	457													
University of Maryland.	2,215	2,215				2,215												
Manassas Institute of Technology.																		
University of Massachusetts.																		
Michigan State University of Agriculture and Applied Science.	794	389	404	280	494													
University of Minnesota.	5,364	4,009	3,245	4,750	3,946	300	246	300	122	138	7	11,000	4,000	1,010	300	648	20	20
Mississippi State College.	253	204	49	204	49													
University of Missouri.	4,613	3,699	1,003	3,51	1,003	3,248	2,022	7,035	721									







**Table 2.—RESIDENT ENROLLMENT OF FIRST-TIME UNDERGRADUATE AND OF SPECIAL AND UNCLASSIFIED STUDENTS, AND ENROLLMENT OF VETERAN STUDENTS OF COLLEGE GRADE, IN LAND-GRANT INSTITUTIONS, NOVEMBER 1954**  
 [Data in columns 2-8 are included as part of undergraduate enrollment in table 6; data in columns 9-11 are distributed as part of undergraduate and graduate enrollment in table 6; data in columns 12-18 are distributed in the various college-grade categories of tables 6 and 7.]

Institution	RESIDENT FIRST-TIME STUDENTS						RESIDENT SPECIAL AND UNCLASSIFIED STUDENTS		VETERAN STUDENTS OF COLLEGE GRADE (RESIDENT AND EXTENSION) ENROLLED UNDER—								
	All first-time students			Full-time		Part-time		Total	Men	Women	Public Law 16	Public Law 366	Public Law 804	Total (col. 15 and 17)	Under grad-uate	Grad-uate	First-time under-grad-uate
	Total	Men	Women	Men	Women	Men	Women										
All Institutions																	
49 Institutions																	
Alabama Polytechnic Institute	1,311	1,210	289	1	1	1	65	27	19	17	119	20	1,394	1,317	67	203	15
University of Alaska	4,454	2,055	1,411	115	42	190	109	261	220	141	14	14	1,59	1,59	45	114	45
University of Arizona	1,329	308	321	707	499	43	30	170	102	68	28	151	23	832	808	45	114
University of Arkansas	1,327	540	271	543	306	10	5	50	26	20	25	163	5	703	709	84	89
University of California	4,265	2,734	2,531	2,734	2,531			470	402	68	113	1,004	5	2,973	2,874	1,099	206
Colorado A. & M. College	1,303	876	427	849	419	27	8	80	61	28	16	84	20	453	412	41	180
University of Connecticut	2,272	1,528	734	1,458	621	80	113	1,113	614	499	3	133	18	1,167	1,061	106	413
University of Delaware	630	284	246	264	246			20	19	21	6	76	2	279	198	81	46
University of Florida	2,279	1,093	577	1,097	544	93	32	28	16	12	34	243	46	1,862	1,769	113	206
University of Georgia	2,008	1,772	1,136	1,333	813	429	213				14	495	12	2,026	2,071	55	803
University of Hawaii	1,225	713	610	678	557	40	43	453	247	206	6	176	17	544	486	58	87
University of Idaho	1,940	956	264	934	284						12	20	19	467	429	38	80
University of Illinois	4,000	3,027	1,203	3,007	1,209	30	14	273	183	90	7	279	42	3,131	2,752	379	498
Purdue University (Ind.)	2,613	2,048	564	2,048	564			259	226	33	23	169		1,280	1,094	286	403
Iowa State College	2,154	1,040	513	1,040	514			126	95	41	3	120	29	931	893	38	352
Kansas State College	1,307	1,025	372	1,025	372			65	59	6	11	65	15	721	674	47	139
University of Kentucky	1,610	1,040	347	1,035	372	94	105	445	157	288	16	119	16	874	793	81	132
Louisiana State University	1,579	1,194	485	1,181	473	13	12	94	68	26	2	64	5	1,082	928	154	179
University of Maine	1,002	748	254	748	254			40	33	16	1	50	22	516	478	38	97
University of Maryland	2,074	1,779	935	1,557	980	222	265	3,007	2,330	1,077	13	719	6	2,283	2,178	104	210
Massachusetts Institute of Technology	957	942	15	940	15	2		384	314	20	3	68	9	247	123	114	29
University of Massachusetts	1,152	810	373	810	372			65	45	40		26	17	426	395	40	176
Michigan State University of Agriculture and Applied Science	2,255	1,056	1,309	1,719	1,243	287	146	426	273	153	19	278	63	2,015	1,892	123	326
University of Minnesota	4,243	2,703	1,450	2,702	1,450			700	463	237	25	718	85	2,908	2,674	234	717
Montana State College	1,003	2,157	26	2,157	26						11	266	13	756	710	46	65



# STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES 25

University of Missouri	2,198	1,678	510	1,440	406	28	14	94	57	37	3	242	27	1,952	1,431	231	285
Montana State College	741	505	205	604	323	2	4	70	19	51	4	41	10	1,906	1,380	14	98
University of Nebraska	1,598	1,138	440	1,128	445	30	5	351	127	137	3	108	38	1,307	1,000	540	938
University of Nevada	413	273	143	248	125	27	13	351	214	127	3	28	10	206	153	40	153
University of New Hampshire	935	637	315	632	315	5	3	63	35	26	5	38	31	452	445	9	153
Rutgers University (N. J.)	2,200	1,644	665	1,120	406	414	209	1,027	394	443	1	1,010	17	1,437	1,250	207	352
New Mexico A. & M. College	543	435	118	400	100	25	13	24	17	17	1	34	8	386	273	18	66
Cornell University (N. Y.)	2,035	1,400	507	1,098	407	35	13	45	43	6	6	132	14	1,000	773	125	222
North Carolina State College	1,385	1,290	6	1,290	5	10	1	60	46	16	7	76	18	896	806	43	245
North Dakota Agricultural College	607	440	101	444	158	2	3	67	5	62	11	31	4	494	263	18	96
Ohio State University	4,440	2,998	1,442	2,059	1,415	209	137	2,140	1,266	754	28	464	6	2,407	2,273	194	331
Oklahoma A. & M. College	2,361	1,839	543	1,789	522	40	10	53	25	28	26	112	43	1,438	1,438	104	1,268
Oregon State College	1,650	1,065	535	1,067	328	1	7	46	34	6	6	112	14	1,713	1,604	10	158
Pennsylvania State University	4,330	3,269	961	3,269	956	9	5	254	138	146	30	131	26	2,181	2,171	10	790
University of Puerto Rico	2,000	1,108	1,108	1,083	1,012	199	130	74	74	146	11	194	26	2,071	2,038	50	647
University of Rhode Island	674	390	184	390	184						4	30	14	398	378	8	163
Clemson Agricultural College (S. C.)	680	609	176	690	176						3	35	14	398	378	8	163
South Dakota State College	716	540	176	540	176						3	35	14	398	378	8	163
University of Tennessee	2,035	1,264	641	1,314	629	59	13	491	203	191	10	136	20	1,029	917	122	353
A. & M. College of Texas	1,674	1,074	394	1,074	394						10	107	19	617	567	50	100
Utah State Agricultural College	1,304	807	407	813	367	34	40				6	78	9	687	613	75	90
University of Vermont	814	531	294	530	294						3	21	10	263	256	7	40
Virginia Polytechnic Institute	1,295	864	344	864	344						1	62	14	623	584	30	139
State College of Washington	1,598	921	467	909	632	13	15	30	10	10	6	92	28	490	443	47	110
West Virginia University	1,578	1,173	605	1,140	368	24	13	208	164	244	4	92	28	694	625	90	256
University of Wisconsin	4,156	2,700	1,405	2,400	1,131	341	275	234	41	183	13	228	66	2,429	2,143	288	683
University of Wyoming	633	394	156	394	156	6	15	42	37	13	2	62	27	409	378	31	94
27 institutions attended predominantly by Negro students	7,381	2,619	2,602	3,573	8,302	67	39	309	197	398	43	215	84	2,406	2,436	60	972
Alabama A. & M. College	417	211	206	211	206						2	6	1	165	165		31
A. M. & N. College (Ark.)	365	188	177	188	177						2	6	1	133	133		41
Delaware State College	76	44	32	44	32						1	2		30	30		2
Florida A. & M. University	633	324	320	324	320						3	46	2	269	269	10	35
Fort Valley State College (Ga.)	395	70	306	78	305	1	1	13	11	2	3	4	1	31	31		22
Kentucky State College	123	73	51	73	50						1	2		32	32		7
Southern Univ. & A. & M. College (La.)	1,102	463	629	463	629						1	4	5	262	262		93
Maryland State College	123	85	38	85	38						3	2		34	34		14
Alcorn A. & M. College (Miss.)	143	77	60	77	60						12	13	3	17	17		18
Lincoln University (Mo.)	139	60	60	60	60						1	13		37	37		18
A. & T. College of North Carolina	881	396	106	396	106						2	76	20	435	435	15	222
Langston University (Okla.)	219	118	101	118	101						7	3	3	68	68		10
South Carolina State College	273	130	142	130	142						1	22	1	103	94		16
Tennessee A. & I. State University	1,019	621	408	621	408						10	17	6	142	142	9	109
Prairie View A. & M. College (Tex.)	793	383	410	383	410						10	13	10	202	202	14	62
Virginia State College	680	270	280	284	307	16	11	15	10	9	2	6	2	120	127		33
West Virginia State College	262	173	114	163	103	26	11	42	12	30	6	3	4	216	216		79

<sup>1</sup> Estimated.



## 26 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

Table 9.—EARNED DEGREES<sup>1</sup> CONFERRED BY LAND-GRANT INSTITUTIONS,  
BY FIELD OF STUDY, BY LEVEL OF DEGREE, AND BY SEX, 1954-55

Field of study	First-level degrees in given field of study			Second-level degrees in given field of study			Doctor's		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
<b>ALL FIELDS</b>	61,694	48,009	18,555	14,136	10,511	3,627	3,476	3,296	244
<b>AGRICULTURE</b>	5,740	5,631	109	1,307	1,185	22	478	470	8
Animal husbandry	943	916	25	130	127	3	73	70	3
Forestry	573	572	1	81	80	1	5	5	0
Agriculture—all other	4,224	4,141	83	996	978	18	401	395	6
<b>BIOLOGICAL SCIENCES<sup>2</sup></b>	1,571	1,170	401	683	567	116	304	271	33
Anatomy	29	25	4	14	9	5	11	10	1
Bacteriology	246	142	104	118	91	27	71	63	8
Biochemistry	31	25	6	80	61	19	75	72	3
Biology	229	162	67	26	18	8	39	36	3
Botany	98	76	22	108	97	11	101	96	5
Entomology	58	53	5	111	108	3	64	63	1
Physiology	35	28	7	40	36	4	35	33	2
Zoology	592	446	146	132	106	26	90	84	6
Biological sciences (not elsewhere classified)	353	213	40	54	47	7	17	22	5
<b>EDUCATION<sup>3</sup></b>	9,162	2,959	6,203	5,579	3,636	2,040	380	331	49
Education	7,090	1,470	5,620	5,064	3,099	1,965	365	316	49
Industrial arts	635	610	25	146	144	2	8	8	0
Physical education	1,444	879	565	260	287	73	7	7	0
<b>ENGINEERING<sup>4</sup></b>	8,696	8,673	23	1,897	1,890	7	297	297	0
<b>ENGLISH</b>	1,486	479	1,007	301	146	155	69	67	2
<b>FINE ARTS</b>	2,473	1,404	1,069	599	356	243	77	71	6
Architecture	598	547	51	70	66	4	1	1	0
Music	570	308	262	203	118	85	4	4	0
Speech and dramatic arts	640	323	316	178	90	88	66	55	11
Fine arts (not elsewhere classified)	596	226	370	118	76	42	13	11	2
<b>FOREIGN LANGUAGES</b>	469	155	314	160	86	74	36	27	9
Classical foreign languages	30	18	12	14	8	6	5	2	3
French	160	36	124	47	24	23	8	7	1
German	51	30	21	32	21	11	9	7	2
Spanish	207	60	147	58	27	31	14	10	4
Russian	8	5	3	1	1	0	0	0	0
All other modern foreign languages	23	6	17	8	5	3	2	1	1
<b>GEOGRAPHY</b>	111	97	14	46	41	5	22	21	1
<b>HEALING ARTS AND MEDICAL SCIENCES<sup>5</sup></b>	5,764	4,328	1,436	342	284	58	94	84	10
Dentistry, D. D. S. only	583	579	4	16	16	0	0	0	0
Dental sciences	200	160	40	0	0	0	0	0	0
Medicine, M. D. only	1,338	1,289	49	0	0	0	0	0	0
Nursing	780	3	777	27	0	27	0	0	0
Optometry	40	40	0	1	1	0	0	0	0
Osteopathy	0	0	0	0	0	0	0	0	0
Pharmacy	1,077	947	130	46	40	6	52	46	6
Public health	92	84	8	102	84	18	3	2	1
Veterinary medicine, D. V. M. or higher	788	788	0	26	27	1	6	5	1
Medical sciences (not elsewhere classified)	847	478	369	122	116	6	33	31	2
<b>HOME ECONOMICS</b>	3,099	52	3,047	367	11	356	36	10	26
<b>JOURNALISM</b>	845	834	11	88	75	13	11	11	0
<b>LAW, LL. B. OR HIGHER</b>	1,279	1,238	41	8	7	1	2	1	1
<b>LIBRARY SCIENCE</b>	155	43	112	124	42	82	2	1	1
<b>MATHEMATICS</b>	573	374	199	236	201	35	101	99	2
<b>MILITARY OR NAVAL SCIENCE</b>	316	314	2	0	0	0	0	0	0

See footnotes at end of table.

Table 9.—EARNED DEGREES<sup>1</sup> CONFERRED BY LAND-GRANT INSTITUTIONS, BY FIELD OF STUDY, BY LEVEL OF DEGREE, AND BY SEX: 1944-55—Con.

Field of study	First-level degrees in given field of study			Second-level degrees in given field of study			Doctor's		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
<b>PHYSICAL SCIENCES<sup>2</sup></b>	1,790	1,696	154	900	831	69	747	727	20
Astronomy	3	3		2	1		2	1	1
Chemistry	896	772	114	401	367	34	492	450	12
Geology	436	419	17	205	188	17	61	50	2
Metalurgy	5	5		18	13	5	11	11	
Meteorology	19	18	1	17	13	4	1	1	
Physics	890	871	9	253	245	8	203	198	5
Physical sciences (not elsewhere classified)	61	48	13	4	4		7	7	
<b>PHILOSOPHY</b>	114	90	24	23	16	5	13	12	1
<b>PSYCHOLOGY</b>	938	862	276	267	197	70	272	242	30
<b>RELIGION</b>	11	11							
Religious education and Bible	11	11							
Theology									
<b>SOCIAL SCIENCES<sup>3</sup></b>	13,735	10,990	2,736	1,364	1,098	276	205	272	23
<b>Basic:</b>									
Anthropology	90	49	41	26	14	12	17	15	2
Economics	1,042	973	79	143	136	7	77	72	5
History	926	634	292	231	166	65	70	64	6
International relations	89	56	33	11	8	3			
Political science	1,098	890	208	127	112	15	45	42	3
Sociology	807	327	480	120	79	41	43	39	4
<b>Applied:</b>									
Business and commerce—Accounting	1,320	1,244	85	73	71	2	6	5	1
Business and commerce—All other	7,112	6,123	990	381	343	38	29	29	
Public administration	139	120	9	18	18				
Social work	337	90	238	140	66	74	3	1	2
Social sciences (not elsewhere classified)	765	474	281	94	73	21	8	5	
<b>MISCELLANEOUS:</b>									
Arts (without major)	1,627	897	730	18	13	5	2	2	
Sciences (without major)	1,354	1,111	243	29	27	2	1	1	
Other	847	312	535	9	6	3	9	9	

<sup>1</sup> Data in this table are a summary of degrees granted in each subject field by the 69 land-grant institutions. (See Office of Education Circular No. 461, *Earned Degrees Conferred by Higher Educational Institutions, 1954-55*.)

<sup>2</sup> Does not include *Psychology*, which, because of its multisciplinary nature, has been listed independently.

<sup>3</sup> Students in secondary education generally major in particular subjects, such as English, History, Mathematics, at the same time they are preparing to teach. Instructions for reporting degrees in education, which accompanied the questionnaire on earned degrees conferred during 1954-55, are reproduced in Office of Education Circular No. 461, *Earned Degrees Conferred by Higher Educational Institutions, 1954-55*.

<sup>4</sup> For a breakdown of engineering degrees by field of specialization, see Office of Education Circular No. 468 entitled *Engineering Enrollments and Degrees, 1955*.

<sup>5</sup> Does not include *Geography*, which, because of its multisciplinary nature, has been listed independently.

<sup>6</sup> Does not include *Geography*, *Philosophy*, or *Psychology*, which, because of their multisciplinary or comprehensive nature, have been listed independently—in alphabetic order.



## 28 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

Table 10.—NUMBER OF LAND-GRANT INSTITUTIONS GRANTING DEGREES,  
BY FIELD OF STUDY, BY LEVEL OF DEGREE, AND BY SEX OF RECIPIENT,  
1954-55

FIELD OF STUDY	INSTITUTIONS CONFERRING—								
	First-level degree			Second-level degree			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
	1	2	3	4	5	6	7	8	9
Grand total:	68	68	67	59	59	57	46	46	28
AGRICULTURE:									
Animal husbandry	37	37	14	35	34	3	15	15	3
Forestry	26	26	1	16	16	1	3	3	
Agriculture—all other	68	68	22	52	52	14	27	27	8
BIOLOGICAL SCIENCES:									
Anatomy	2	2	2	7	6	4	6	5	1
Bacteriology	31	30	21	33	32	11	15	14	4
Biochemistry	7	6	3	20	19	9	12	11	2
Biology	34	30	24	10	8	6	6	6	1
Botany	25	20	13	28	28	9	20	20	4
Entomology	18	17	1	30	30	3	17	17	1
Physiology	5	5	3	12	12	5	7	7	1
Zoology	40	37	30	37	34	16	20	20	8
Biological sciences (not elsewhere classified)	14	13	13	10	10	5	8	6	4
EDUCATION:									
Education	61	57	58	54	53	50	26	26	20
Industrial arts	41	41	4	30	29	2	4	4	
Physical education	56	55	50	24	24	16	5	5	
ENGINEERING:									
ENGLISH:									
ENGLISH	58	56	55	46	46	5	24	24	11
FINE ARTS:									
Architecture	20	20	9	9	8	3	1	1	
Music	47	45	44	15	15	16	3	3	
Speech and dramatic arts	36	34	33	24	22	21	10	10	4
Fine arts (not elsewhere classified)	36	31	30	20	16	14	3	3	1
FOREIGN LANGUAGES:									
Classical foreign languages	10	9	2	5	4	3	3	3	2
French	25	17	23	15	11	10	4	4	1
German	17	16	7	10	9	6	4	4	2
Spanish	33	20	31	13	11	10	4	4	3
Russian	5	3	3	1	1				
All other modern foreign languages	5	4	2	3	3	2	3	1	1
GEOGRAPHY	20	19	5	14	13	4	7	7	1
HEALING ARTS AND MEDICAL SCIENCES:									
Dentistry, D. D. S. only	7	7	3						
Dental science	7	7	2	5	5				
Medicine, M. D. only	13	13	12						
Nursing	30	3	30	4		4			
Optometry	2	2		1	1				
Osteopathy									
Pharmacy	25	25	21	12	11	4	8	8	3
Public health	6	6	2	5	5	2	1	1	1
Veterinary medicine, D. V. M. or higher	15	15	7	11	11	1	5	4	1
Medical sciences (not elsewhere classified)	26	18	25	9	8	3	5	5	2
HOME ECONOMICS	62	10	62	28	4	35	11	4	9
JOURNALISM	33	30	32	12	11	5	2	2	

See footnotes at end of table.

Table 10.—NUMBER OF LAND-GRANT INSTITUTIONS GRANTING DEGREES, BY FIELD OF STUDY, BY LEVEL OF DEGREE, AND BY SEX OF RECIPIENT, 1954-55—Continued

FIELD OF STUDY	INSTITUTIONS CONFERRING—								
	First-level degree			Second-level degree			Doctorate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
LAW, LL. B. OR HIGHER.....	25	25	13	4	4	1	1	1	1
LIBRARY SCIENCE.....	15	4	15	5	5	5	1	1	1
MATHEMATICS.....	57	54	43	40	39	20	20	20	2
MILITARY OR NAVAL SCIENCE.....	6	6	1						
PHYSICAL SCIENCES: <sup>1</sup>									
Astronomy.....	2	2		2	1	1	1	1	1
Chemistry.....	64	62	36	46	46	16	31	31	8
Geology.....	25	25	10	20	20	10	14	14	2
Metallurgy.....	2	2		4	2	2	4	4	
Meteorology.....	3	3	1	8	3	1	1	1	
Physics.....	46	46	9	40	39	4	21	21	4
Physical sciences (not elsewhere classified).....	9	7	6	2	2		4	4	
PHILOSOPHY.....	25	23	11	12	11	4	6	6	1
PSYCHOLOGY.....	37	37	26	37	37	24	18	18	11
RELIGION:									
Religious education and Bible.....	2	2							
Theology.....									
SOCIAL SCIENCES: <sup>2</sup>									
Basic: <sup>3</sup>									
Anthropology.....	11	9	7	7	6	4	4	4	2
Economics.....	45	44	26	32	30	5	11	11	3
History.....	53	49	43	37	36	26	15	14	4
International relations.....	9	6	9	4	4	3			
Political science.....	36	37	26	26	23	11	10	10	1
Sociology.....	50	44	47	31	26	22	16	16	4
Applied:									
Business and commerce—Accounting.....	20	20	25	14	14	2	3	2	1
Business and commerce—All other.....	61	60	57	33	23	15	8	8	
Public administration.....	11	11	5	4	4				
Social work.....	22	16	22	7	6	7	1	1	1
Social sciences (not elsewhere classified).....	33	30	31	10	9	8	3	3	
MISCELLANEOUS:									
Arts (without major).....	27	23	24	4	4	3	1	1	
Sciences (without major).....	45	44	30	4	4	2	1	1	
Other.....	6	6	5	2	2	1	2	2	

<sup>1</sup> Number of individual institutions granting degrees in one or more fields at given level.<sup>2</sup> Does not include *Psychology*, which, because of its multicategory nature, has been listed independently.<sup>3</sup> Students in secondary education generally major in particular subjects, such as English, History, Mathematics, at the same time they are preparing to teach. Instructions for reporting degrees in education, which accompanied the questionnaire on earned degrees conferred during 1954-55, are reproduced in Office of Education Circular No. 461, *Earned Degrees Conferred by Higher Educational Institutions, 1954-55*.<sup>4</sup> For a breakdown of engineering degrees by field of specialization see Office of Education Circular No. 465 entitled *Engineering Enrollments and Degrees, 1955*.<sup>5</sup> Does not include *Geography*, which, because of its multicategory nature, has been listed independently.<sup>6</sup> Does not include *Geography*, *Philosophy*, or *Psychology*, which, because of their multicategory or comprehensive nature, have been listed independently—in alphabetic order.



## 30 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

Table 11.—EARNED DEGREES CONFERRED BY LAND-GRANT INSTITUTIONS,  
AS A PERCENT OF ALL DEGREES CONFERRED BY ALL INSTITUTIONS, BY  
FIELD OF STUDY, BY LEVEL OF DEGREE, AND BY SEX, 1934-35

Field of study	First-level degrees			Second-level degrees			Doctor's		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
<b>ALL FIELDS</b>	31,443	23,453	17,879	24,899	27,123	12,834	29,959	69,243	22,499
<b>AGRICULTURE</b>	80,000	79,830	22,272	88,490	88,895	78,371	94,280	94,189	100,000
Animal husbandry	91,434	81,095	96,154	98,485	98,400	100,000	100,000	100,000	100,000
Forestry	67,264	67,215	100,000	62,793	63,469	38,533	17,241	17,241	100,000
Agriculture—all other	21,860	81,092	91,309	90,999	90,472	81,818	58,798	99,799	100,000
<b>BIOLOGICAL SCIENCES</b>	17,359	17,948	13,844	42,449	46,324	30,130	50,764	52,626	23,323
Anatomy	38,697	85,714	60,000	48,276	47,398	50,000	29,730	30,393	25,000
Bacteriology	69,420	60,944	57,409	50,644	51,795	47,398	54,195	53,949	57,143
Biochemistry	21,028	20,161	30,000	56,838	55,063	57,579	51,703	52,941	59,394
Biology	4,199	4,196	4,331	5,830	5,789	5,999	30,000	28,149	6,667
Botany	32,450	28,191	21,809	52,436	71,329	39,730	46,867	68,085	50,000
Entomology	95,083	94,643	100,000	95,000	95,875	100,000	96,970	99,029	100,000
Physiology	35,000	69,674	13,208	45,459	46,184	48,479	43,899	46,999	36,000
Zoology	85,022	36,617	33,969	50,000	53,000	40,626	45,918	47,499	31,679
Biological sciences (not elsewhere classified)	21,119	24,096	21,299	40,763	49,474	30,435	45,763	52,893	29,413
<b>EDUCATION</b>	17,204	19,898	16,161	20,167	22,265	16,304	25,649	27,199	19,679
Education	16,386	19,817	15,675	19,694	22,695	16,191	29,917	28,014	21,491
Industrial Arts	22,302	22,812	42,756	26,836	26,697	30,000	57,143	57,143	57,143
Physical education	18,759	18,363	23,341	39,321	31,438	22,684	7,000	8,291	5,000
<b>ENGINEERING</b>	28,497	38,500	37,097	40,299	40,399	53,646	49,583	49,583	49,583
<b>ENGLISH</b>	11,344	9,354	12,623	18,085	17,485	18,585	26,100	23,399	42,398
<b>FINE ARTS</b>	16,166	18,459	12,372	17,871	17,461	18,619	30,979	31,696	18,799
Architecture	35,977	36,910	21,212	38,599	38,180	57,143	33,399	33,399	33,399
Music	10,569	12,054	9,963	12,106	11,111	13,621	5,993	5,493	5,493
Speech and dramatic arts	17,026	18,065	17,321	22,939	29,691	26,492	28,217	40,441	23,819
Fine arts (not elsewhere classified)	12,426	12,693	12,774	21,416	22,419	19,811	42,867	47,826	30,000
<b>FOREIGN LANGUAGES</b>	17,319	19,970	14,707	20,279	21,097	19,474	30,321	18,799	25,991
Classical foreign languages	3,000	4,749	1,504	9,599	9,999	11,821	14,299	8,099	30,000
French	12,510	9,917	13,537	19,342	21,818	17,293	18,395	16,667	19,000
German	19,190	16,393	15,969	22,000	25,593	26,699	34,515	35,000	23,323
Spanish	17,191	15,915	17,722	25,551	26,999	26,299	35,697	34,493	40,000
Russian	13,333	11,628	17,647	4,792	10,000				
All other modern foreign languages	13,066	8,834	15,791	14,386	13,514	15,799	7,699	4,000	100,000
<b>GEOGRAPHY</b>	17,722	19,556	10,769	22,624	35,345	30,000	45,833	47,727	26,000
<b>HEALING ARTS AND MEDICAL SCIENCES</b>	24,739	27,063	19,669	19,543	27,993	7,992	49,735	21,239	49,999
Dentistry, D. D. S. only	18,813	18,854	14,299						
Dental science	55,492	77,070	25,305	13,795	13,795				
Medicine, M. D. only	18,063	18,899	29,414						
Nursing	14,865	4,918	13,002	4,909		5,000			
Optometry	9,391	9,441		100,000	100,000				
Osteopathy									
Pharmacy	31,714	30,697	39,275	25,115	24,783	37,500	77,612	78,697	55,714
Public health	65,714	65,354	62,299	19,578	21,139	14,516	10,000	8,299	16,667
Veterinary medicine, D. V. M. or higher	99,333	98,483	91,418	100,000	100,000	100,000	100,000	100,000	100,000
Medical sciences (not elsewhere classified)	29,065	49,627	31,129	30,653	23,629	11,321	39,799	41,323	69,667

See footnotes at end of table.



Table 11.—EARNED DEGREES CONFERRED BY LAND-GRANT INSTITUTIONS, AS A PERCENT OF ALL DEGREES CONFERRED BY ALL INSTITUTIONS, BY FIELD OF STUDY, BY LEVEL OF DEGREE, AND BY SEX: 1954-55—Continued

Field of study	First-level degrees			Second-level degrees			Doctor's		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
HOME ECONOMICS.....	42.331	64.198	42.094	54.894	61.111	54.731	59.016	71.429	55.319
JOURNALISM.....	28.097	27.659	28.875	30.760	31.916	29.490	66.799	68.760	.....
LAW, LL. B OR HIGHER.....	15.548	15.598	14.187	2.145	1.961	6.250	9.091	4.792	100.000
LIBRARY SCIENCE.....	10.091	11.346	9.680	43.305	60.870	37.615	50.000	33.333	100.000
MATHEMATICS.....	14.179	13.730	15.115	31.012	23.796	23.649	40.400	41.423	18.123
MILITARY OR NAVAL SCIENCE.....	19.308	19.209	100.000	.....	.....	.....	.....	.....	.....
PHYSICAL SCIENCES <sup>1</sup> .....	17.022	17.911	11.143	25.377	25.558	23.333	43.905	43.789	29.423
Astronomy.....	27.273	30.000	.....	15.385	19.000	33.333	12.600	6.867	100.000
Chemistry.....	14.966	16.147	10.000	34.156	35.425	24.818	45.970	66.440	33.333
Geology.....	24.206	24.694	18.478	40.434	39.085	65.395	39.010	26.216	100.000
Metallurgy.....	41.667	41.667	.....	66.667	59.091	100.000	73.333	73.333	.....
Meteorology.....	31.667	31.034	50.000	37.778	31.707	100.000	50.000	50.000	.....
Physics.....	19.063	19.323	11.842	34.708	34.950	28.571	39.726	39.579	41.667
Physical sciences (not elsewhere classified).....	8.449	7.385	18.056	9.000	8.696	.....	70.000	77.778	.....
PHILOSOPHY.....	6.426	6.119	7.973	9.957	9.251	13.899	15.476	15.789	12.500
PSYCHOLOGY.....	16.966	18.577	14.902	20.680	22.483	16.787	39.536	40.006	35.714
RELIGION.....	143	171	.....	.....	.....	.....	.....	.....	.....
Religious education and Bible.....	345	544	.....	.....	.....	.....	.....	.....	.....
Theology.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SOCIAL SCIENCES <sup>1</sup> .....	17.781	18.470	15.347	18.184	17.012	21.429	28.214	25.279	24.468
Basis: <sup>2</sup>	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anthropology.....	22.143	37.692	27.393	29.685	25.455	37.500	38.696	38.462	40.000
Economics.....	10.630	17.126	11.518	23.177	25.232	8.974	31.930	31.034	55.356
History.....	9.706	9.453	10.307	19.266	20.168	17.213	22.581	22.995	21.429
International relations.....	19.829	16.327	31.132	5.116	4.469	5.333	.....	.....	.....
Political science.....	19.064	20.189	19.171	25.602	27.053	17.867	24.962	24.881	30.000
Sociology.....	14.685	14.016	15.000	23.316	22.701	32.840	25.749	26.531	30.000
Applied:	.....	.....	.....	.....	.....	.....	.....	.....	.....
Business and commerce—Accounting.....	16.865	16.707	17.745	13.082	13.321	8.000	31.579	29.412	50.000
Business and commerce—All other.....	21.063	21.745	17.641	13.715	13.425	17.040	23.200	24.786	.....
Public administration.....	26.010	35.422	47.368	6.792	7.726	.....	.....	.....	.....
Social work.....	17.831	16.391	18.807	70.707	77.647	65.487	42.857	33.333	50.000
Social sciences (not elsewhere classified).....	13.060	13.904	11.847	15.359	16.629	12.139	11.964	13.108	.....
MISCELLANEOUS.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arts (without major).....	25.423	19.122	42.715	11.043	12.150	8.929	25.000	28.571	.....
Sciences (without major).....	38.525	38.769	40.433	34.796	27.836	16.000	25.000	25.000	.....
Other.....	64.739	73.750	30.973	15.254	16.216	13.636	47.368	52.941	.....

<sup>1</sup> Does not include *Psychology*, which because of its multisciplinary nature has been listed independently.

<sup>2</sup> Students in secondary education generally major in particular subjects, such as English, History, Mathematics, at the same time they are preparing to teach. Instructions for reporting degrees in education, which accompanied the questionnaire on earned degrees conferred during 1954-55, are reproduced in Office of Education Circular No. 461, *Earned Degrees Conferred by Higher Educational Institutions, 1954-55*.

<sup>3</sup> For a breakdown of engineering degrees by field of specialization see Office of Education Circular No. 469 entitled *Engineering Enrollments and Degrees, 1955*.

<sup>4</sup> Does not include *Geography*, which, because of its multisciplinary nature, has been listed independently.

<sup>5</sup> Does not include *Geography*, *Philosophy*, or *Psychology*, which, because of their multisciplinary or comprehensive nature, have been listed independently—in alphabetic order.



Table 12.—CURRENT-FUND INCOME OF LAND-GRANT INSTITUTIONS: YEAR ENDED JUNE 30, 1935

Institution	INCOME FOR EDUCATIONAL AND GENERAL PURPOSES FROM—						
	GRAND TOTAL (cols. 3, 14, and 16)	Total (cols. 4-14)	Federal Government				Other grants or payments
			Tuition and fees from students for instruction	Veterans' Administra- tion for tuition and fees	Federal appropria- tions	Grants or contractual amounts for research	
1	3	4	5	6	7	8	9
All institutions.....	8894, 732, 778	8827, 765, 925	868, 522, 948	58, 033, 008	10 81, 980, 478	5128, 759, 522	85, 799, 031
28 institutions.....	889, 172, 019	867, 623, 676	88, 911, 549	5, 377, 306	1 61, 547, 386	128, 081, 087	8, 798, 833
Alabama Polytechnic Institute.....	12, 486, 530	8, 198, 036	905, 755	90, 585	2, 017, 694	116, 379	44, 379
University of Alaska.....	2, 419, 201	2, 100, 200	111, 746	2, 957	268, 681	462, 018	26, 074
University of Arizona.....	7, 748, 013	5, 758, 268	1, 017, 927	44, 010	328, 779	203, 011	8, 413
University of Arkansas.....	11, 073, 446	8, 922, 002	809, 217	96, 560	1, 678, 181	678, 315	64, 725
University of California.....	189, 263, 171	142, 165, 938	4, 940, 307	358, 957	1, 628, 831	46, 497, 019	178, 577
Colorado A. & M. College.....	6, 035, 131	4, 949, 248	203, 014	42, 002	795, 371	117, 796	17, 719
University of Connecticut.....	10, 673, 019	8, 050, 594	431, 080	84, 003	402, 071	283, 043	9, 143
University of Delaware.....	5, 321, 760	4, 316, 937	872, 154	13, 499	222, 375	346, 004	
University of Florida.....	19, 600, 973	13, 873, 317	1, 273, 815	137, 356	326, 141	937, 319	19, 942
University of Georgia.....	13, 050, 255	11, 479, 051	1, 937, 300	155, 808	2, 151, 060	78, 389	56, 429
University of Hawaii.....	4, 850, 065	5, 030, 028	1, 257, 377	64, 035	492, 081	120, 055	42, 031
University of Idaho.....	5, 773, 707	4, 658, 100	251, 180	20, 157	689, 733	44, 123	11, 074
University of Illinois.....	57, 538, 066	50, 097, 873	3, 422, 794	168, 841	1, 788, 413	4, 003, 260	928, 023
Purdue University (Ind.).....	20, 941, 535	20, 178, 264	1, 903, 007	98, 159	1, 613, 050	1, 682, 478	162, 035
Iowa State College.....	22, 380, 486	16, 392, 119	1, 133, 723	38, 179	1, 752, 714	3, 206, 585	62, 942
Kansas State College.....	9, 495, 257	8, 060, 720	728, 530	36, 838	1, 233, 420	94, 422	14, 409
University of Kentucky.....	10, 522, 629	9, 005, 994	813, 455	36, 280	2, 015, 071	41, 907	
Louisiana State University.....	20, 404, 257	16, 773, 988	621, 203	33, 713	1, 403, 031	437, 712	14, 157
University of Maine.....	8, 450, 835	4, 219, 249	1, 150, 419	30, 860	1, 010, 015	7, 053	5, 332
University of Maryland.....	21, 417, 022	16, 142, 100	2, 033, 323	138, 781	768, 075	1, 119, 954	200, 031
Massachusetts Institute of Technology.....	53, 454, 469	31, 676, 779	4, 270, 118	44, 996	18, 067	38, 321, 554	378, 043
University of Massachusetts.....	7, 328, 405	5, 025, 254	440, 318	11, 025	676, 545	93, 487	5, 034
Michigan State University of Agriculture and Applied Science.....	37, 003, 930	28, 930, 137	2, 144, 754	116, 480	1, 803, 225	401, 299	
University of Minnesota.....	49, 707, 220	29, 783, 396	4, 084, 350	341, 250	1, 533, 192	4, 260, 367	44, 660
Mississippi State College.....	8, 810, 029	7, 170, 326	458, 190	55, 005	2, 066, 008	167, 055	35, 729
University of Missouri.....	10, 010, 730	12, 954, 243	1, 850, 134	64, 767	1, 828, 091	570, 249	33, 283
Montana State College.....	4, 003, 775	3, 903, 597	152, 008	15, 790	690, 061	63, 454	126, 369



University of Nebraska.....	15,260,535	12,559,224	1,414,835	76,457	1,037,102	555,210	221,304
University of Nevada.....	3,474,721	2,403,419	2,211,958	10,473	374,079	91,390	24,725
University of New Hampshire.....	6,108,105	4,175,035	1,008,359	22,355	423,000	65,074	27,413
Buiness University (N. Y.).....	16,835,800	14,008,953	2,819,134	221,405	677,295	685,932	61,825
New Mexico A. & M. College.....	4,544,416	4,020,640	227,939	14,239	680,730	12,994	12,994
Cornell University (N. Y.).....	36,045,046	30,378,521	9,719,163	55,233	1,514,433	2,121,851	122,075
North Carolina State College.....	14,324,785	12,752,534	1,222,535	32,112	2,921,036	435,835	54,792
North Dakota Agricultural College.....	4,216,601	3,477,304	1,445,187	6,689	794,264	3,769	3,769
Ohio State University.....	45,663,843	32,771,445	2,922,993	193,300	1,457,030	475,037	2,741
Oklahoma A. & M. College.....	16,637,303	11,003,184	1,142,783	193,300	1,457,030	475,037	2,741
Oregon State College.....	11,136,136	9,004,311	1,093,321	30,776	1,554,269	245,067	21,111
Pennsylvania State University.....	28,846,331	26,375,553	3,068,070	75,000	1,955,548	3,190,170	142,050
University of Puerto Rico.....	12,009,086	10,740,007	1,080,865	31,542	1,008,055	138,279	16,332
University of Rhode Island.....	3,947,447	3,076,285	364,592	26,512	351,089	197,642	3,005
Clatsop Agricultural College (S. O.).....	9,303,152	7,008,947	225,073	21,213	1,480,500	14,380	3,105
South Dakota State College.....	4,532,805	4,011,065	295,321	11,792	813,841	11,171	3,941
University of Tennessee.....	14,020,412	12,633,494	2,426,659	30,359	1,537,504	1,171	233,022
A. & M. College of Texas.....	20,713,358	16,554,549	358,170	24,999	3,030,071	64,591	255,000
Utah State Agricultural College.....	6,555,327	4,707,572	432,234	27,791	665,030	117,902	61,970
University of Vermont.....	4,268,536	4,268,460	1,005,323	21,071	463,025	1,703,674	12,308
Virginia Polytechnic Institute.....	10,636,279	8,981,696	1,008,533	16,133	1,070,965	475,553	4,006
State College of Washington.....	14,818,726	11,978,926	302,348	44,596	1,140,371	106,086	11,505
West Virginia University.....	11,005,353	9,958,355	616,233	14,375	1,000,304	2,407,787	39,103
University of Wisconsin.....	37,239,310	32,257,342	4,774,015	196,525	1,400,565	257,453	13,762
University of Wyoming.....	6,031,572	5,387,806	571,376	45,303	473,349	35,156	16,995
If institutions attended predominantly by Negro students.							
Alabama A. & M. College.....	1,062,300	737,254	95,457	2,095	35,136	.....	.....
A. M. & N. College (Ark.).....	1,351,035	1,014,686	126,275	4,654	24,286	.....	.....
Delaware State College.....	1,408,832	1,247,950	34,695	374	14,740	.....	.....
Ferris A. & M. University.....	2,930,177	2,221,304	128,424	7,772	45,322	.....	.....
Fort Valley State College (Ga.).....	938,762	694,326	202,355	2,555	32,335	.....	624
Kentucky State College.....	157,021	903,271	32,365	303	14,498	.....	.....
Southern Univ. & A. & M. College (La.).....	3,260,536	2,469,019	92,251	5,431	34,875	7,000	.....
Maryland State College.....	795,676	643,721	46,076	445	15,469	.....	333
Allen A. & M. College (Miss.).....	104,995	543,060	104,174	5,443	49,544	.....	1,390
Lincoln University (Mo.).....	1,251,449	1,002,303	38,337	1,070	6,841	.....	404
A. & T. College of North Carolina.....	2,195,997	1,473,478	331,528	44,395	38,471	.....	.....
Langston University (Okla.).....	767,100	594,967	44,943	2,532	9,228	.....	.....
South Carolina State College.....	1,433,631	1,253,967	95,523	7,085	45,509	.....	.....
Tennessee A. & I. State University.....	2,700,303	2,243,265	375,494	7,421	31,156	.....	2,965
Pauline V. A. & M. College (Tex.).....	2,510,254	1,633,108	190,533	3,963	36,730	.....	2,379
Virginia State College.....	3,065,137	2,071,426	334,865	8,500	34,305	.....	.....
West Virginia State College.....	1,144,023	844,444	131,348	1,721	13,031	.....	1,770

See footnote at end of table.



Table 12.—CURRENT-FUND INCOME OF LAND-GRANT INSTITUTIONS, YEAR ENDING JUNE 30, 1955—Continued

Institution	INCOME FOR EDUCATIONAL AND GENERAL PURPOSES FROM—							GROSS IN- COME FROM AUXILIARY ENTERPRISES	INCOME FOR SCHOLAR- SHIPS, FEL- LOWSHIPS, AND PRIZES
	State gov- ernments	County, city, or district governments	Endowment earnings	Private gifts and grants	Sales and services of organized activities (gross)	Miscellaneous sources			
1	2	3	4	5	6	7	8	9	10
<b>All Institutions</b>	9412, 876, 812	94, 222, 337	910, 304, 308	908, 942, 285	954, 254, 193	929, 264, 912	9152, 310, 509	97, 695, 353	
<b>28 Institutions</b>	299, 719, 194	4, 824, 035	19, 177, 973	22, 863, 164	22, 827, 979	29, 976, 296	164, 297, 177	7, 323, 973	
Alabama Polytechnic Institute	4, 190, 821	340, 970	543	321, 251	193, 220	9, 057	4, 267, 924	14, 911	
University of Alaska	1, 021, 298	29, 455	142	21, 973	94, 096	129, 201	201, 081	79, 731	
University of Arizona	3, 323, 277	40, 800	98, 329	68, 719	310, 974	229, 202	3, 611, 914	51, 303	
University of Arkansas	4, 564, 895	42, 000	6, 023	421, 091	463, 129	42, 000	4, 983, 091	740, 446	
University of California	57, 847, 913		1, 796, 007	2, 453, 973	3, 598, 979	903, 306	6, 070, 769		
Colorado A. & M. College	2, 427, 355		25, 945	223, 001	691, 126	26, 970	2, 619, 442	89, 441	
University of Connecticut	6, 123, 020	66, 000	6, 548	67, 356	523, 327	41, 051	6, 657, 829	72, 028	
University of Delaware	2, 212, 269		22, 000	2, 303	629, 894	40, 000	2, 604, 263	48, 476	
University of Florida	11, 528, 345	9, 793	603, 823	333, 744	333, 744	162, 430	12, 603, 195	304, 303	
University of Georgia	4, 003, 001	900, 000	24, 457	603, 034	767, 044	69, 506	4, 801, 245	79, 979	
University of Illinois	2, 743, 200	114		68, 292	79, 319	163, 644	2, 911, 479	110, 136	
University of Idaho	3, 144, 800		107, 317	15, 911	304, 982	40, 004	3, 260, 721	28, 676	
University of Kansas	34, 233, 242		123, 077	3, 247, 966	841, 434	1, 404, 087	36, 687, 016	323, 916	
Purdue University (Ind.)	11, 252, 528		22, 852	2, 667, 168		2, 894, 319	13, 957, 016	116, 274	
Iowa State College	7, 657, 643		19, 844	712, 080		697, 598	8, 362, 245	100, 005	
Kansas State College	4, 008, 467		13, 022	174, 429	643, 809	65, 227	4, 261, 093	42, 462	
University of Kentucky	4, 774, 300		72, 839	194, 377	717, 032	339, 119	5, 214, 635	34, 903	
Louisiana State University	13, 041, 942		14, 555	227, 732	187, 317	732, 322	13, 266, 300	54, 442	
University of Maine	1, 852, 320		25, 740	203, 017	101, 467	67, 478	1, 919, 123	61, 468	
University of Maryland	9, 622, 019	294, 170	72, 004	411, 643	3, 028, 630	273, 343	10, 622, 365	129, 028	
Massachusetts Institute of Technology	4, 003		1, 293, 018	3, 169, 733	3, 659, 624	40, 003	8, 012, 387		
University of Massachusetts	4, 103, 423		11, 476	81, 820	95, 718	21, 000	4, 211, 937	61, 330	
Michigan State University of Agriculture and Applied Sciences	17, 147, 364		178, 725	618, 044	2, 909, 279	247, 917	19, 083, 285	213, 024	
Michigan State University of Agriculture and Applied Sciences	19, 421, 942	32, 000	1, 022, 323	2, 304, 286	4, 202, 973	192, 345	21, 049, 034	494, 004	
Minnesota State College	4, 719, 261	656, 748	14, 387	123, 008	704, 340	270, 846	5, 113, 006	29, 707	
University of Missouri	7, 134, 021		71, 022	214, 414	1, 051, 023	34, 324	7, 910, 799	100, 079	
University of Nebraska	2, 202, 327		68, 909	312, 390	302, 011	7, 943	2, 584, 639	26, 769	
University of Nevada	2, 762, 076		50, 131	217, 023	1, 221, 434	203, 913	3, 003, 548	191, 793	
University of New Hampshire	4, 941, 426	4, 120	2, 700	22, 043	114, 491	203, 913	5, 081, 669	107, 000	
			78, 044	64, 496	204, 921	203, 913	5, 285, 660	107, 000	



Eastern University (N. J.)	9,512,742	127,040	200,025	1,427,742	101,577	100,102	2,540,250	176,007
New Mexico A. & M. College	11,000,000	74,449	74,449	32,000	177,004	10,000	4,000,000	11,000
Central University (N. Y.)	10,000,000	10,000	1,000,000	3,700,515	3,000,000	3,000,000	4,000,000	4,000,000
North Carolina State College	8,400,000	45,000	45,000	45,000	45,000	45,000	1,000,000	1,000,000
North Dakota Agricultural College	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Ohio State University	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Oklahoma A. & M. College	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Quebec State College	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Pennsylvania State University	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
University of Puerto Rico	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
University of Rhode Island	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Clarkson Agricultural College (S. C.)	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
South Dakota State College	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
University of Tennessee	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
A. & M. College of Texas	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Utah State Agricultural College	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
University of Vermont	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Virginia Polytechnic Institute	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
State College of Washington	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
West Virginia University	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
University of Wisconsin	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
University of Wyoming	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
If institutions attended predominantly by Negro students								
Alabama A. & M. College	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000
A. M. & N. College (Ark.)	745,500	745,500	745,500	745,500	745,500	745,500	745,500	745,500
Duquesne State College	322,000	322,000	322,000	322,000	322,000	322,000	322,000	322,000
Florida A. & M. University	1,700,135	41,000	41,000	1,740	320,000	320,000	320,000	320,000
Fort Valley State College (Ga.)	204,022	32,534	32,534	2,303	21,144	21,144	21,144	21,144
Kentucky State College	440,000	440,000	440,000	440,000	440,000	440,000	440,000	440,000
Southern Univ. & A. & M. College (La.)	2,271,516	2,271,516	2,271,516	2,271,516	2,271,516	2,271,516	2,271,516	2,271,516
Maryland State College	575,200	575,200	575,200	575,200	575,200	575,200	575,200	575,200
Alcorn A. & M. College (Miss.)	315,044	315,044	315,044	315,044	315,044	315,044	315,044	315,044
Lincoln University (Mo.)	907,000	907,000	907,000	907,000	907,000	907,000	907,000	907,000
A. & T. College of North Carolina	825,335	825,335	825,335	825,335	825,335	825,335	825,335	825,335
Louisiana University (Okla.)	510,442	510,442	510,442	510,442	510,442	510,442	510,442	510,442
South Carolina State College	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Tennessee A. & I. State University	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000
Frazer View A. & M. College (Tex.)	1,252,111	1,252,111	1,252,111	1,252,111	1,252,111	1,252,111	1,252,111	1,252,111
Virginia State College	1,365,200	1,365,200	1,365,200	1,365,200	1,365,200	1,365,200	1,365,200	1,365,200
West Virginia State College	975,000	975,000	975,000	975,000	975,000	975,000	975,000	975,000

<sup>3</sup> : This total differs from the total in table 17, column 2, because the general statistics (incorporated in the present table) were reported by the University of Puerto Rico for the year ended June 30, 1954 and by the State College of Washington for the year ended March 31, 1955, but the Federal funds (incorporated in table 17) for both institutions were reported for the year ended June 30, 1955.

<sup>1</sup> Data are for fiscal year ended August 31, 1968.



Table 13.—CURRENT-FUND EXPENDITURES OF LAND-GRANT INSTITUTIONS: YEAR ENDED JUNE 30, 1953

Institution	GRAND TOTAL (cols. 9, 11, and 12)	EXPENDITURES FOR EDUCATIONAL AND GENERAL PURPOSES										EXPENDITURES FOR SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES
		Total (cols. 4-10)	Admin-istration and general expense	Instruction and departmental research	Organized research	Extension and pub-lic services	Libraries	Operation and main-tenance of the phys-ical plant	Organized activities related to educa-tional partici-pation	10	11	12
<b>All Institutions.</b>	9879, 245, 245	9812, 445, 245	981, 067, 645	2376, 728, 569	1234, 612, 972	8102, 512, 964	613, 961, 236	873, 568, 645	854, 120, 902	5144, 340, 269	811, 889, 088	
<b>28 Institutions.</b>	943, 164, 044	793, 954, 156	28, 548, 915	364, 408, 969	234, 861, 579	167, 306, 229	16, 373, 469	71, 394, 739	53, 694, 264	129, 023, 921	11, 267, 452	
Alabama Polytechnic Institute.	11, 943, 927	5, 113, 322	685, 732	2, 711, 269	1, 831, 420	2, 074, 137	141, 008	418, 120	129, 912	5, 027, 453	2, 329	
University of Alaska.	2, 383, 731	2, 119, 085	180, 903	547, 444	955, 877	197, 517	27, 237	291, 876	13, 294	202, 372	10, 451	
University of Arizona.	7, 772, 016	4, 094, 223	546, 639	2, 843, 729	1, 179, 973	656, 986	165, 036	978, 805	148, 702	1, 916, 055	156, 731	
University of Arkansas.	10, 927, 649	8, 978, 899	775, 201	3, 261, 829	1, 493, 889	1, 814, 762	136, 947	262, 150	793, 163	1, 896, 023	81, 949	
University of California.	146, 792, 553	143, 208, 141	3, 061, 893	28, 114, 326	72, 748, 269	6, 077, 449	3, 334, 265	7, 551, 262	5, 290, 648	6, 788, 161	778, 951	
Colorado A. & M. College.	6, 627, 905	4, 903, 914	413, 977	1, 511, 116	1, 260, 067	964, 377	92, 429	254, 086	396, 804	1, 670, 154	74, 185	
University of Connecticut.	10, 345, 448	7, 900, 616	982, 068	3, 036, 811	1, 770, 226	528, 968	105, 931	1, 031, 678	397, 354	2, 327, 969	107, 973	
University of Delaware.	5, 134, 293	4, 013, 576	613, 576	1, 294, 755	653, 357	638, 058	135, 864	638, 993	797, 009	6, 622, 495	65, 365	
University of Florida.	12, 808, 067	15, 251, 065	945, 105	5, 092, 860	3, 393, 849	1, 478, 219	802, 883	1, 268, 602	214, 036	4, 126, 974	368, 668	
University of Georgia.	13, 408, 914	11, 101, 771	682, 042	3, 315, 068	2, 253, 055	3, 343, 979	317, 958	702, 234	471, 017	1, 309, 547	82, 496	
University of Hawaii.	5, 213, 029	4, 328, 811	428, 840	1, 774, 765	1, 008, 456	300, 514	181, 429	391, 289	231, 310	330, 064	118, 448	
University of Idaho.	5, 026, 046	4, 374, 784	269, 068	1, 632, 949	843, 142	632, 241	119, 089	746, 438	327, 730	1, 077, 137	48, 726	
University of Illinois.	22, 007, 988	40, 236, 009	4, 174, 909	15, 701, 825	10, 927, 054	5, 316, 269	1, 283, 117	6, 969, 042	4, 404, 030	6, 642, 413	1, 038, 989	
Fordham University (Ind.).	20, 087, 810	19, 680, 456	1, 928, 616	7, 067, 841	5, 361, 379	3, 162, 139	382, 452	1, 755, 999		3, 316, 978	101, 377	
Iowa State College.	22, 391, 766	14, 021, 464	773, 793	4, 448, 480	3, 530, 306	2, 075, 108	214, 062	1, 461, 694	1, 490, 728	8, 269, 941	136, 329	
Kansas State College.	9, 437, 929	8, 307, 054	343, 705	3, 310, 992	1, 961, 059	1, 326, 673	198, 210	920, 206	274, 313	1, 092, 817	38, 021	
University of Kentucky.	10, 025, 420	8, 231, 936	628, 130	2, 968, 924	1, 642, 355	2, 431, 289	296, 287	1, 016, 128	47, 953	1, 591, 971	49, 042	
Louisiana State University.	21, 000, 308	18, 020, 443	1, 374, 994	5, 066, 822	3, 360, 457	2, 857, 951	889, 792	1, 987, 024	448, 792	2, 799, 423	289, 112	
University of Maine.	5, 437, 039	4, 241, 702	594, 429	1, 690, 173	706, 094	652, 359	70, 741	533, 020	166, 487	1, 191, 099	54, 222	
University of Maryland.	21, 050, 236	18, 065, 922	1, 703, 047	6, 016, 895	2, 007, 334	1, 008, 244	244, 385	1, 685, 377	5, 853, 950	2, 028, 264	271, 940	
Massachusetts Institute of Technology.	23, 454, 489	51, 467, 443	2, 944, 776	5, 733, 361	34, 778, 816		270, 406	2, 94, 927	2, 962, 328	1, 777, 916	210, 019	
University of Massachusetts.	7, 028, 209	6, 429, 985	266, 247	2, 127, 197	949, 994	643, 708	55, 039	2, 798, 789	693, 000	1, 549, 282	42, 906	
Michigan State University of Agricul-ture and Applied Science.	24, 671, 542	26, 081, 265	2, 540, 997	10, 744, 146	3, 331, 309	3, 513, 125	305, 000	2, 003, 900	2, 698, 808	9, 382, 193	728, 046	
University of Minnesota.	45, 032, 094	35, 917, 002	3, 158, 714	12, 680, 222	9, 193, 211	2, 454, 270	932, 219	4, 269, 564	2, 265, 032	9, 561, 139	454, 466	
Mississippi State College.	8, 072, 136	7, 107, 526	248, 948	1, 151, 855	1, 440, 882	3, 061, 929	89, 036	222, 963	7, 761, 459	1, 034, 355	20, 767	
University of Missouri.	15, 283, 126	12, 508, 313	1, 368, 271	4, 466, 234	1, 871, 403	3, 061, 081	206, 019	1, 170, 039	360, 207	2, 419, 406	229, 717	
Montana State College.	4, 427, 083	3, 980, 234	150, 107	1, 328, 020	701, 391	897, 221	102, 379	392, 543	386, 964	2, 327, 030	40, 398	
University of Nebraska.	14, 877, 927	12, 216, 139	984, 474	4, 395, 498	1, 548, 881	1, 579, 114	896, 957	1, 322, 946	1, 040, 434	2, 323, 761	227, 057	
University of Nevada.	2, 085, 748	2, 212, 122	129, 144	1, 012, 155	72, 414	808, 259	59, 828	332, 323	104, 972	2, 271, 467	203, 139	
University of New Hampshire.	4, 522, 127	3, 817, 299	404, 389	1, 458, 804	578, 414	445, 414	105, 307	494, 283	393, 020	895, 469	117, 541	



Rutgers University (N. J.)	18, 528, 302	18, 571, 981	1, 982, 543	8, 087, 554	2, 280, 328	1, 008, 982	494, 024	1, 008, 144	174, 722	2, 514, 408	141, 908
New Mexico A. & M. College	4, 302, 097	3, 864, 213	1, 198, 008	7, 718, 371	1, 747, 816	947, 153	68, 326	1, 100, 084	108, 172	512, 283	15, 798
Oriskany University (N. Y.)	20, 768, 060	20, 028, 877	2, 142, 730	16, 494, 089	2, 121, 881	920, 180	98, 977	2, 845, 892	3, 205, 827	8, 088, 863	1, 161, 487
North Carolina State College	14, 639, 214	12, 024, 253	440, 578	3, 052, 588	2, 065, 410	4, 171, 328	171, 049	890, 216	250, 234	4, 858, 923	154, 069
North Dakota Agricultural College	3, 604, 642	3, 473, 470	178, 336	3, 029, 715	3, 382, 306	698, 953	36, 359	490, 055	190, 154	514, 988	8, 180
Ohio State University	42, 182, 769	31, 584, 120	2, 017, 084	18, 300, 114	3, 370, 892	3, 718, 080	705, 047	3, 081, 129	1, 010, 328	10, 328, 379	284, 008
Oklahoma A. & M. College	14, 735, 370	11, 000, 137	771, 216	4, 112, 844	2, 437, 744	2, 361, 080	370, 802	340, 833	1, 010, 328	1, 010, 328	101, 008
Oregon State College	11, 157, 461	9, 882, 181	871, 161	3, 073, 890	2, 437, 744	2, 361, 080	370, 802	340, 833	1, 010, 328	1, 010, 328	101, 008
Pennsylvania State University	28, 001, 441	23, 073, 808	1, 881, 876	6, 808, 862	5, 494, 048	4, 327, 963	384, 403	2, 110, 659	545, 845	1, 178, 322	340, 401
University of Puerto Rico	11, 382, 010	9, 811, 268	1, 580, 340	3, 361, 360	1, 004, 271	1, 477, 094	240, 169	1, 458, 741	342, 374	5, 892, 746	624, 373
University of Rhode Island	4, 262, 180	3, 370, 892	368, 078	1, 434, 085	548, 731	208, 555	79, 000	564, 400	88, 205	398, 467	45, 984
Clemson Agricultural College (S. C.)	9, 125, 263	7, 108, 890	378, 161	2, 090, 347	288, 470	1, 002, 255	111, 807	604, 670	1, 001, 680	1, 978, 204	48, 019
South Dakota State College	4, 702, 280	4, 028, 947	287, 352	1, 292, 373	898, 943	812, 232	48, 608	623, 150	715, 081	1, 912, 034	17, 000
University of Tennessee	13, 708, 575	11, 937, 145	738, 628	3, 081, 994	1, 278, 714	2, 370, 108	303, 472	1, 200, 089	307, 205	1, 701, 819	66, 381
A. & M. College of Texas	20, 617, 130	16, 002, 050	648, 482	3, 125, 798	4, 397, 760	6, 328, 023	213, 050	1, 900, 071	821, 798	2, 730, 228	198, 080
Utah State Agricultural College	5, 708, 100	4, 040, 880	428, 512	1, 515, 528	980, 772	838, 146	143, 788	601, 154	1,085, 578	305, 488	61, 787
University of Vermont	5, 379, 707	4, 192, 221	460, 769	1, 817, 311	471, 161	628, 512	120, 265	470, 573	705, 881	705, 881	382, 166
Virginia Polytechnic Institute	10, 507, 368	8, 042, 608	367, 845	2, 107, 314	1, 803, 882	2, 498, 770	118, 745	1, 022, 357	708, 326	1, 912, 034	78, 776
State College of Washington	14, 371, 114	11, 810, 030	367, 269	3, 043, 439	3, 808, 397	1, 030, 217	303, 022	1, 038, 420	303, 171	2, 402, 419	78, 000
West Virginia University	11, 052, 568	9, 855, 941	332, 187	5, 419, 513	900, 712	1, 315, 048	288, 421	1, 833, 973	390, 115	1, 512, 012	136, 240
University of Wisconsin	37, 412, 406	31, 014, 494	1, 028, 106	10, 027, 622	4, 484, 200	5, 119, 374	301, 560	2, 473, 389	3, 050, 282	4, 307, 834	940, 078
University of Wyoming	6, 077, 180	4, 731, 968	710, 705	2, 020, 794	900, 461	5, 583, 583	118, 839	566, 850	59, 718	1, 130, 938	164, 251
Of institutions attended predominantly by Negro students											
Alabama A. & M. College	37, 181, 391	30, 181, 103	2, 708, 230	11, 345, 000	31, 180	312, 368	738, 974	4, 185, 996	1, 034, 519	2, 781, 028	598, 082
A. M. & N. College (Ark.)	1, 043, 374	805, 322	79, 186	354, 346		5, 000	31, 181	238, 085	97, 511	237, 542	85, 071
Delaware State College	1, 201, 001	822, 551	217, 013	457, 268			22, 728	107, 045	26, 239	204, 779	52, 478
Florida A. & M. University	3, 383, 576	2, 600, 180	361, 036	1, 108, 187		37, 108	14, 149	592, 236	407, 204	822, 131	1, 345
Fort Valley State College (Ga.)	894, 137	650, 391	62, 270	353, 061	13, 377	10, 034	38, 165	84, 045	83, 060	355, 446	3, 300
Kentucky State College	605, 428	457, 346	104, 391	183, 008			10, 549	137, 897	30, 004	148, 002	35, 854
Southern Univ. & A. & M. College (La.)	3, 024, 453	2, 119, 021	400, 083	1, 108, 454		24, 300	102, 654	316, 089	46, 004	705, 887	18, 952
Maryland State College	3, 702, 810	2, 600, 000	67, 080	331, 307			26, 794	164, 561	1, 17, 516	1, 03, 210	2, 551
Alcorn A. & M. College (Miss.)	844, 768	533, 808	127, 932	355, 042			11, 004	117, 516	61, 254	288, 429	8, 200
Lincoln University (Mo.)	1, 224, 612	1, 040, 332	194, 985	388, 961			63, 514	185, 468	8, 467	170, 106	1, 187, 492
A. & T. College of North Carolina	2, 138, 468	1, 302, 479	117, 300	987, 800			48, 126	265, 310	114, 026	655, 780	13, 469
Landon University (Ohio)	1, 513, 479	933, 957	82, 266	200, 339			38, 030	197, 028	5, 001	192, 512	30, 000
South Carolina State College	1, 408, 841	1, 210, 001	174, 991	670, 515	3, 016	31, 496	43, 991	289, 332	38, 099	267, 434	14, 410
Tennessee A. & I. State University	2, 707, 734	2, 365, 036	108, 053	1, 404, 513	14, 000	5, 080	47, 359	864, 180	42, 645	942, 118	1, 187, 492
Prairie View A. & M. College (Tex.)	2, 806, 080	1, 994, 194	174, 248	1, 047, 702			78, 400	303, 000		694, 789	13, 469
Virginia State College	2, 701, 694	2, 032, 735	151, 947	1, 378, 274			58, 981	354, 973	32, 010	994, 789	13, 469
West Virginia State College	1, 116, 357	538, 006	175, 180	1, 373, 322			26, 753	181, 648	44, 120	351, 419	10, 952

\* Data are for fiscal year ended June 30, 1954.  
 \* Data are for fiscal year ended Aug. 31, 1955.  
 \* Data are for fiscal year ended May 31, 1955.



**Table 14.—ENDOWMENT AND ANNUITY FUNDS OF LAND-GRANT INSTITUTIONS, YEAR ENDING JUNE 30, 1955**

Institution	Endowment and Funda Furnishing as Endowment										Annuity Funds	
	Balance June 30, 1965	Additions to principal (July 1, 1964-June 30, 1965)					Deductions from principal (July 1, 1964-June 30, 1965)	Balance June 30, 1965	Additions to principal (July 1, 1964-June 30, 1965)	Deductions from principal (July 1, 1964-June 30, 1965)		
		Total	Private gifts and grants	Net gains	Interest and net earnings	Other ad- ditions						
1	2	3	4	5	6	7	8	9	10	11		
All institutions	9,491,898,348	324,344,244										
38 institutions	400,394,195	31,344,289										
Alabama Polytechnic Institute	1,354,817	71,002	300	70,702		4,169						
University of Alaska	25,087	4,705	7,325	900		5,000						
University of Arizona	1,150,089	8,314										
University of Arkansas	132,067											
University of California	65,390,028	4,001,305	2,814,101	710,965	1,073,830	112,314	8,030,716	74,365	1,181			
Colorado A. & M. College	695,943	17,024			17,024							
University of Connecticut	241,035	80,038	40,900		88							
University of Delaware	12,005,114	1,023,495	77,057	1,740,495		225	222,854	142,554				
University of Florida	330,407	13,929	16,500									
University of Georgia	2,500,282	14,104	2,905	11,718		0						
University of Hawaii	265,794	24,197	22,323	2,730	8,165							
University of Idaho	9,577,024	22,027	12,019	950	0,050							
University of Illinois	4,394,033	327,782	337,653	33,020								
Purdue University (Ind.)	7,093,511	426,061	296,136	2,113	126,326	2,440	9,194					
Iowa State College	1,437,438	13,903	13,943			25,000						
Kansas State College	537,001											
University of Kentucky	1,455,709											
Louisiana State University	338,045											
University of Maine	1,302,121											
University of Maryland	2,943,888	233,072	555	64,000	5,820							
University of Massachusetts	45,165,948	8,564,089	2,718,308	109,084	3,220,185	2,641,038	380,710	89,220	21,052			
University of Michigan	801,015	7,303	7,100		340							
University of Minnesota	4,081,174	206,126	296,136									
University of Missouri	63,741,947	2,965,756	310,117	223,640	3,202,514	161,055	245,437	9,002	7,329			
University of Nebraska	2,000,000	64,023	71,009	7,300	2,168							
University of Nevada	1,964,374	10,516	10,316		113,069							
University of New Hampshire	1,192,676	107,222	102,745		3,047							
University of New York	2,374,135	62,375	41,547	38,745	132							



Rutgers University (N. J.)	10,240,771	2,389,646	2,310,406	16,204	62,935	54,559	25,640	91,952
New Mexico A. & M. College	1,042,585	55,000			61,932		84,509	
Cornell University (N. Y.)	49,974,639	1,577,457	1,814,575	92	2,300		325,245	
North Carolina State College	798,655	2,392			34,925			
North Dakota Agricultural College	3,069,775	34,925						
Ohio State University	10,783,216	310,889	307,694		9,265			
Oklahoma A. & M. College	7,024,912	142,295		142,295				
Oregon State College	438,943	15,637			64,045			
Pennsylvania State University	1,329,494	123,302	89,257		14,100			
University of Puerto Rico <sup>2</sup>	1,052,907	954,953				250,933		
University of Rhode Island	50,000				21			
Clemson Agricultural College (S. C.)	459,013	2,021	2,000					
South Dakota State College	499,304	81,206		31,206	408			
University of Tennessee	1,123,774	61,028	1,395		8,102,439			
A. & M. College of Texas <sup>3</sup>	76,055,447	8,137,003	21,722			13,743		
Utah State Agricultural College	400,672	2,031		2,031	257		764	10,000
University of Vermont	6,117,121	102,306	30,942	70,965			607,017	
Virginia Polytechnic Institute	300,312			715	621,595		919	
State College of Washington <sup>4</sup>	21,057,852	628,595	6,305		621,595			
West Virginia University	125,700	400			400			
University of Wisconsin	8,983,965	723,025	494,529	124,028		92,145	85,128	
University of Wyoming	6,745,749	443,730	225,957	216,069	2,594			
37 institutions attended predominantly by Negro students	284,616	195	3	195				
Alabama A. & M. College								
A. M. & N. College (Ark.)								
Delaware State College								
Florida A. & M. University				109				
Fort Valley State College (Ga.)	64,664	109						
Kentucky State College								
Southern Univ. & A. & M. College (La.)	30,925							
Maryland State College								
Alcorn A. & M. College (Miss.)	209,871							
Lincoln University (Mo.)								
A. & T. College of North Carolina								
Lincolnton University (Ohio.)								
South Carolina State College	99,575							
Tennessee A. & I. State University								
Prairie View A. & M. College (Tex.) <sup>5</sup>	26,490	5	5					
Virginia State College				31				
West Virginia State College	173,081	81						

<sup>1</sup> Includes capitalization of Haggitt fund portion of the endowment, which is carried on the books of the institution at a nominal value of \$1.00.

<sup>2</sup> Data are for fiscal year ended June 30, 1954.

<sup>3</sup> Data for fiscal year ended Aug. 31, 1953.

<sup>4</sup> Data are for fiscal year ended Mar. 31, 1954.



Table 15.—STUDENT LOAN FUNDS OF LAND-GRANT INSTITUTIONS: YEAR ENDED JUNE 30, 1955

Institution	Balance June 30, 1955	Additions to principal (July 1, 1954-June 30, 1955)					Disbursements from principal (July 1, 1954-June 30, 1955)	Loans granted (July 1, 1954-June 30, 1955)	Loans repaid (July 1, 1954-June 30, 1955)	Loans outstanding June 30, 1955	Un-issued funds June 30, 1955
		Total	Private gifts and grants	Net gains	Interest and net earnings	Other additions					
<b>I</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>All Institutions</b>	314,173,438	81,112,309	\$657,629	945,022	1021,911	907,053	994,794	94,875,375	68,174,791	65,393,969	39,478,448
<b>28 Institutions</b>	16,964,543	1,193,941	933,933	41,003	346,393	37,323	354,610	4,914,711	3,113,937	4,343,299	3,985,943
Alabama Polytechnic Institute	214,210	10,000	5,304		1,962			5,140	3,322	13,259	195,951
University of Alaska	31,646	1,540	700		940			20,074	25,913	21,904	7,642
University of Arizona	33,394	3,059	1,979		1,576		1,102	46,819	44,478	8,423	24,901
University of Arkansas	117,326	10,273	1,000		4,273	5,093	4,276	30,309	14,800	47,963	69,592
University of California	685,927	34,576	19,167	208	15,142	338	3,169	608,366	368,182	275,674	409,938
Colorado A. & M. College	80,906	2,312	105	400	1,937			27,065	24,280	13,264	61,022
University of Connecticut	35,268	817			655			4,700	1,640	2,318	21,693
University of Delaware	31,339	21,089			617			10,411	12,301	17,390	14,129
University of Florida	274,836	65,976	13,439	308	7,001		433	232,390	193,923	137,541	148,305
University of Georgia	907,174		9,010		41,703		899	55,954	25,920	103,792	625,381
University of Hawaii	21,114	4,178	35	2,777	1,376		31	33,136	30,147	11,301	19,913
University of Idaho	20,750	216	26	17	160		208	17,024	15,151	10,943	15,317
University of Illinois	370,375	23,529	1,064	9,027	13,415		12,704	460,385	327,819	482,780	126,586
Purdue University (Ind.)	254,147	19,265	13,600	3,419	13,728	1,464	12,190	67,000	36,292	36,003	213,052
Iowa State College	130,005						14,106	179,334	160,726	97,804	61,034
Kansas State College	130,118	7,308	6,708		800			9,109	8,117	1,970	127,445
University of Kentucky	105,048	2,370	40		2,330			17,560	10,128	24,795	80,331
Louisiana State University	318,140	7,973	4,377		3,000			9,540	12,371	35,474	182,005
University of Maine	62,708	6,316	6,447		1,192	677		8,960	7,560	13,439	50,398
University of Maryland	97,675	2,871	2,265		1,088			9,051	6,027	31,377	66,298
Massachusetts Institute of Technology	1,008,437	133,406	4,550	26,724	91,325	10,787	90	392,676	131,097	1,302,649	1,735,595
University of Massachusetts	71,605	250	13		202			13,201	15,086	6,267	8,385
Michigan State University of Agriculture and Applied Science	300,905	29,024	3,304		3,440	20,262		317,781	273,828	114,793	36,293
University of Minnesota	639,063	35,150	6,063		28,566	5,901	3,206	167,709	132,921	347,258	381,526
Mississippi State College	1,807	994	900	94	94			6,217	4,567	963	822
University of Missouri	640,554	23,913	2,685		21,226		21,166	75,068	70,140	80,478	309,076
Montana State College	4,709	335	50		132			2,197	1,381	2,000	2,700
University of Nebraska	233,335	4,352	375		3,976		260	30,174	60,935	113,930	115,900
University of Nevada	169,971	2,376			2,376			3,976	3,974	2,737	167,234
University of New Hampshire	407,128	29,637	2		29,635		4,360	135,943	63,720	273,773	183,553



Butlers University (N. J.)	322, 226	744	309	284						20, 535	19, 217	55, 456	255, 860
New Mexico A. & M. College	7, 968	1, 345	309	284						31, 221	20, 491	5, 396	255, 860
Cornell University (N. Y.)	702, 000	4, 028	1, 345	309						161, 709	126, 127	601, 620	301, 571
North Carolina State College	61, 247	1, 181	4, 008	1, 100						12, 596	31, 753	20, 183	11, 065
North Dakota Agricultural College	11, 197		1, 100							0	6, 065	0	6, 205
Ohio State University	468, 345									185, 619	190, 680	308, 523	322, 719
Oklahoma A. & M. College	165, 305	463, 232	452, 504							97, 985	44, 976	111, 071	664, 624
Oregon State College	114, 086	2, 917	1, 05							62, 313	61, 289	33, 895	191, 293
Pennsylvania State University	244, 267	65, 797	42, 865							63, 500	36, 614	231, 457	231, 457
University of Puerto Rico	30, 514	1, 033								68, 862	44, 313	15, 304	15, 304
University of Rhode Island	15, 371	3, 616	2, 964							3, 234	2, 266	3, 631	4, 070
Olemiss Agricultural College (S. O.)	129, 069	25, 813	22, 042							21, 411	4, 711	26, 396	67, 721
South Dakota State College	17, 947	15, 173								4, 920	3, 322	9, 320	10, 237
University of Tennessee	684, 989	18, 722	2, 826							55, 070	54, 860	102, 497	602, 482
A. & M. College of Texas	22, 035	11, 173	11, 173							5, 024	2, 384	2, 565	20, 040
Utah State Agricultural College	16, 577	907	399							4, 673	4, 260	4, 394	12, 682
University of Vermont	363, 541	14, 707	567							70, 995	44, 125	325, 038	28, 033
Virginia Polytechnic Institute	4, 543									61, 163	14, 729	51, 515	51, 515
State College of Washington	68, 739	2, 597	500							21, 888	77, 260	87, 683	26, 749
West Virginia University	32, 125	6, 000	5, 095							37, 056	36, 029	14, 026	15, 067
University of Wisconsin	362, 934	5, 108	2, 940							240, 949	314, 368	131, 631	177, 233
University of Wyoming	179, 090	9, 112	364							35, 524	22, 062	11, 760	162, 361
17 institutions attended predominantly by Negro students.	118, 128	9, 348	3, 088	20	5, 769				94	18, 064	59, 364	65, 631	72, 515
Alabama A. & M. College													
A. M. & N. College (Ark.)													
Delaware State College													
Florida A. & M. University	58, 715								94	3, 967	2, 520	12, 397	11, 418
Fort Valley State College (Ga.)	52, 632												11, 532
Kentucky State College													
Southern Univ. & A. & M. College (La.)	15, 236	1, 322	1, 050	29	233					4, 280	709	7, 447	7, 380
Maryland State College													
Alcorn A. & M. College (Miss.)													
Lincoln University (Mo.)													
A. & T. College of North Carolina													
Lexington University (Okla.)	1, 342	50	50							480	940	947	496
South Carolina State College	8, 090	151			151					6, 194	5, 078	196	5, 425
Tennessee A. & I. State University													
Prairie View A. & M. College (Tex.)	12, 699	768			768					18, 480	10, 638	681	12, 126
Virginia State College	60, 140	4, 541	2, 000		4, 541					14, 613	13, 165	20, 245	36, 275
West Virginia State College	8, 313	2, 500			2, 500					12, 801	9, 349	3, 158	4, 355

1 Data are for fiscal year ended June 30, 1954.

a Data are for fiscal year ended August 31, 1955.

\* Data are for fiscal year ended March 31, 1955.



Table 16.—FUNDS OF FEDERAL ORIGIN RECEIVED BY LAND-GRANT INSTITUTIONS: YEAR ENDED JUNE 30, 1955

Institution	All funds of Federal origin (total cols. 3, 16, 18, and 20)	Funds for research (experiment stations)										Research under Agricultural Marketing Act	
		Total Federal Appropriations (cols. 4, 5, and 13)	Total (cols. 6-11)					Purcell funds	Bankhead-Jones funds (title I, sec. 6)		Bankhead-Jones funds (title I, sec. 9(a) and 9(c))		Bankhead-Jones funds (title I, sec. 9(b))
			3	6	7	8	9		10	11			
<b>All Institutions</b>	8212, 992, 299	321, 608, 815	65, 851, 000	61, 479, 007	61, 479, 007	61, 479, 007	61, 479, 007	61, 479, 007	61, 479, 007	61, 479, 007	61, 479, 007	61, 479, 007	61, 479, 007
<b>23 Institutions</b>	811, 624, 246	62, 431, 915	4, 578, 200	1, 479, 007	1, 479, 007	1, 479, 007	1, 479, 007	1, 479, 007	1, 479, 007	1, 479, 007	1, 479, 007	1, 479, 007	1, 479, 007
Alabama Polytechnic Institute	2, 207, 853	2, 017, 602	65, 406	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Alaska	778, 780	286, 421	77, 268	32, 000	32, 000	32, 000	32, 000	32, 000	32, 000	32, 000	32, 000	32, 000	32, 000
University of Arizona	579, 725	328, 779	77, 477	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Arkansas	2, 808, 204	1, 678, 151	64, 765	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of California	68, 673, 403	1, 806, 801	175, 300	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
Colorado A. & M. College	1, 604, 922	795, 571	82, 313	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Connecticut	776, 003	602, 071	80, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Delaware	680, 019	322, 315	66, 433	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Florida	1, 880, 419	528, 141	66, 433	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Georgia	2, 481, 129	2, 157, 060	79, 134	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Hawaii	687, 003	680, 063	74, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Idaho	915, 017	628, 722	78, 572	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Illinois	7, 773, 674	1, 708, 413	130, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
Purdue University (Ind.)	2, 361, 073	1, 612, 066	200, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
Iowa State College	4, 000, 369	1, 782, 714	95, 146	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
Kansas State College	1, 394, 126	1, 302, 420	80, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Kentucky	2, 101, 000	2, 015, 071	34, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
Louisiana State University	1, 933, 108	1, 408, 021	61, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Maine	1, 083, 708	1, 010, 015	79, 116	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Maryland	2, 332, 614	760, 073	77, 573	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
Massachusetts Institute of Technology	28, 877, 000	14, 967	16, 007	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Massachusetts	794, 191	676, 945	100, 129	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
Michigan State University of Agriculture and Applied Science	1, 002, 220	1, 002, 220	128, 549	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
University of Minnesota	7, 074, 810	1, 482, 192	95, 781	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000
Mississippi State College	2, 379, 473	2, 096, 000	67, 176	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000	30, 000

University of Missouri	1, 228, 091	107, 938	428, 976	20, 938	62, 020	72, 840	222, 080	14, 430	12, 000
Montana State College	1, 000, 182	75, 195	243, 428	20, 938	62, 020	13, 004	78, 504	14, 430	
University of Nebraska	1, 377, 109	65, 222	208, 968	20, 938	62, 020	11, 304	120, 704	14, 430	
University of Nevada	1, 377, 079	71, 897	170, 675	20, 938	62, 020	11, 304	120, 704	14, 430	
University of New Hampshire	1, 377, 079	71, 897	170, 675	20, 938	62, 020	11, 304	120, 704	14, 430	
Butler University (N. I.)	1, 052, 379	118, 323	271, 578	20, 938	62, 020	22, 873	24, 381	14, 430	
New Mexico A. & M. College	1, 046, 683	78, 795	208, 077	20, 938	62, 020	17, 027	78, 039	14, 430	
Cornell University (N. Y.)	1, 816, 623	217, 194	583, 754	20, 938	62, 020	107, 778	211, 048	14, 430	
North Carolina State College	1, 821, 689	74, 047	662, 409	20, 938	62, 020	128, 187	257, 932	14, 430	
North Dakota Agricultural College	1, 794, 364	78, 131	208, 371	20, 938	62, 020	21, 070	200, 541	14, 430	
Ohio State University	1, 057, 039	148, 389	348, 389	20, 938	62, 020	41, 080	171, 438	14, 430	
Oklahoma A. & M. College	1, 546, 294	82, 035	208, 307	20, 938	62, 020	34, 229	118, 037	14, 430	
Oregon State College	1, 156, 642	86, 175	219, 236	20, 938	62, 020	142, 513	208, 239	14, 430	
Pennsylvania State University	1, 056, 148	174, 780	420, 442	20, 938	62, 020	94, 088	246, 087	14, 430	
University of Puerto Rico	1, 111, 424	52, 020	187, 342	20, 938	62, 020	4, 207	22, 331	14, 430	
University of Rhode Island	1, 057, 039	77, 089	187, 342	20, 938	62, 020	4, 207	22, 331	14, 430	
Clemson Agricultural College (S. C.)	1, 486, 028	45, 889	208, 307	20, 938	62, 020	48, 111	202, 096	14, 430	
South Dakota State College	1, 816, 623	70, 611	208, 307	20, 938	62, 020	20, 810	24, 448	14, 430	
University of Tennessee	1, 816, 623	86, 341	217, 858	20, 938	62, 020	92, 394	208, 239	14, 430	
A. & M. College of Texas	1, 256, 071	110, 190	208, 307	20, 938	62, 020	121, 402	208, 239	14, 430	
Utah State Agricultural College	1, 046, 683	78, 572	247, 274	20, 938	62, 020	12, 409	68, 038	14, 430	
University of Vermont	1, 046, 683	72, 786	191, 949	20, 938	62, 020	12, 409	68, 038	14, 430	
Virginia Polytechnic Institute	1, 702, 674	88, 736	472, 464	20, 938	62, 020	28, 612	228, 016	14, 430	
State College of Washington	1, 991, 953	800, 079	208, 307	20, 938	62, 020	42, 081	128, 178	14, 430	
West Virginia University	1, 146, 371	71, 035	273, 228	20, 938	62, 020	64, 794	166, 734	14, 430	
University of Wisconsin	1, 920, 304	184, 380	420, 442	20, 938	62, 020	66, 081	202, 415	14, 430	
University of Wyoming	1, 046, 683	72, 786	211, 587	20, 938	62, 020	7, 053	50, 874	14, 430	
17 institutions attended predominantly by Negro students	475, 348	175, 348							
Alabama A. & M. College	26, 136	10, 136							
A. M. & N. College (Ark.)	24, 280	24, 280							
Delaware State College	14, 740	14, 740							
Florida A. & M. University	48, 822	48, 822							
Fort Valley State College (Ga.)	25, 236	25, 236							
Kentucky State College	14, 406	14, 406							
Southern Univ. & A. & M. College (La.)	24, 875	24, 875							
Maryland State College	15, 499	15, 499							
Alcorn A. & M. College (Miss.)	46, 544	46, 544							
Lincoln University (Mo.)	8, 816	8, 816							
A. & T. College of North Carolina	30, 777	30, 777							
Landon University (Okla.)	13, 080	13, 080							
South Carolina State College	52, 598	52, 598							
Tennessee A. & I. State University	38, 067	38, 067							
Prairie View A. & M. College (Tex.)	43, 061	43, 061							
Virginia State College	46, 806	46, 806							
West Virginia State College	21, 301	21, 301							

See footnotes at end of table.



Table 16.—FUNDS OF FEDERAL ORIGIN RECEIVED BY LAND-GRANT INSTITUTIONS: YEAR ENDED JUNE 30, 1955—Continued

Institution	FEDERAL APPROPRIATIONS—Continued					ENDOWMENT INCOME FROM LAND-GRANT FUNDS				OTHER FEDERAL FUNDS				
	Funds for cooperative extension					Total (cols. 17-18)	From land-grant funds	From other Federal land-grant funds	Total (cols. 20-22)	Funds from Veterans Administration (or tuition and fees)	Federal research funds (exclusive of funds in cols. 8-11)	Other Federal grants and payments	For plant expansion	
	Total (cols. 13-15)	Smith-Lever funds (act. of 1914 as amended)	Extension under Agricultural Marketing Act	Cooperative Farm Forestry (Clarke-McNary Act)										
1	13	13	14	15	16	17	18	19	20	21	22	23	24	
All institutions	818, 194, 292	328, 395, 883	3512, 299	897, 844	42, 387, 693	81, 364, 243	4983, 120		9144, 126, 144	64, 623, 699	9124, 712, 843	63, 796, 631	91, 748, 129	
32 institutions	28, 192, 292	35, 395, 828	412, 299	87, 843	9, 561, 154	1, 967, 943	5983, 120		144, 863, 628	3, 577, 595	136, 651, 897	3, 786, 633	1, 766, 129	
Alabama Polytechnic Institute	1, 451, 399	1, 431, 453	18, 826	1, 020	22, 355	22, 355			221, 243	60, 585	115, 379	44, 379	7, 457	
University of Alaska	71, 047	65, 747	5, 300		71, 047		162		423, 946	3, 547	462, 015	25, 074		
University of Arkansas	213, 951	213, 951			213, 951	12, 357	89, 555		257, 034	44, 010	203, 611	9, 413		
University of California	1, 197, 194	1, 177, 960	17, 595	1, 020	6, 533	6, 533			337, 600	25, 560	578, 315	64, 735	1, 368, 830	
	928, 643	928, 628		1, 020	32, 139	26, 821	5, 318		67, 064, 493	333, 867	64, 497, 019	173, 577		
Colorado A. & M. College	416, 372	408, 780	6, 328	1, 260	28, 845	28, 845			135, 506	49, 992	117, 996	17, 718		
University of Connecticut	211, 748	203, 138	6, 960	1, 020	6, 848	6, 848			307, 085	34, 902	263, 643	9, 141		
University of Delaware	106, 420	106, 400			1, 401	1, 401			362, 308	16, 499	346, 804			
University of Florida	485, 334	467, 334	9, 250	1, 020	9, 459	7, 790	1, 712		1, 116, 216	137, 355	937, 819	19, 942		
University of Georgia	1, 508, 137	1, 496, 622	8, 478	3, 260	6, 419	6, 419			236, 626	153, 808	78, 899	59, 426		
University of Hawaii	205, 642	203, 442	4, 000						237, 621	64, 935	129, 065	42, 631		
University of Idaho	230, 164	217, 384		2, 880	190, 930	54, 314	136, 616		85, 264	39, 187	44, 123	11, 974		
University of Illinois	1, 155, 532	1, 139, 473	13, 639	2, 700	32, 451	32, 451			5, 939, 783	106, 841	4, 903, 200	926, 602	1, 877	
Purdue University (Ind.)	990, 086	973, 917	14, 439	1, 020	10, 327	10, 327			1, 797, 690	98, 199	1, 490, 478	160, 053		
Iowa State College	1, 115, 607	1, 074, 997	37, 560	3, 060	14, 126	14, 126			3, 288, 406	38, 179	3, 206, 285	53, 841		
Kansas State College	789, 359	763, 479	94, 300	1, 020	18, 992	18, 992			146, 713	36, 888	94, 422	14, 403		
University of Kentucky	1, 403, 390	1, 385, 995	15, 778	1, 020	8, 645	8, 645			78, 187	24, 280	41, 907			
Louisiana State University	971, 438	937, 148	32, 865	1, 020	14, 555	8, 115	5, 440		435, 852	33, 713	497, 712	14, 157		
University of Maine	372, 963	369, 147	2, 184	1, 020	5, 913	5, 913			43, 878	39, 890	7, 655	6, 833	5, 000	
University of Maryland	405, 526	392, 049	42, 858	1, 020	3, 310	3, 310			1, 469, 026	153, 781	1, 119, 364	206, 681		

Massachusetts Institute of Technology	269,286	277,608	19,908	1,620	3,680	7,300	1,650	38,956,773	44,866	26,533,934	378,043
University of Massachusetts	1,136,180	1,052,700	70,240	3,940	74,157	74,157	74,157	517,779	116,480	401,298	5,034
Michigan State University of Agriculture and Applied Science	1,089,511	1,027,059	9,242	3,240	954,358	954,358	954,358	4,786,267	341,260	4,445,007	44,680
University of Minnesota	1,465,418	1,469,016	28,162	3,240	14,387	14,387	14,387	119,080	55,960	63,120	260,986
Mississippi State College	1,367,994	1,940,628	26,081	1,620	39,013	39,013	39,013	648,399	44,767	603,132	33,285
University of Missouri	341,357	322,347	7,350	1,360	68,929	68,929	68,929	183,892	16,792	167,100	126,388
Montana State College	644,889	631,269	12,030	1,620	20,131	20,131	20,131	603,001	76,487	526,514	231,304
University of Nebraska	131,507	130,607	6,132	1,200	5,132	5,132	5,132	128,514	10,473	118,041	24,786
University of Nevada	153,551	145,496	6,536	1,620	4,800	4,800	4,800	137,733	22,266	115,467	27,413
University of New Hampshire	287,485	274,087	11,178	1,620	5,800	5,800	5,800	949,182	221,405	727,777	61,826
Rutgers University (N. J.)	320,864	303,229	20,626	1,620	74,427	74,427	74,427	1,341,382	14,289	1,327,093	13,084
New Mexico A. & M. College	1,013,745	983,510	30,935	3,240	94,429	94,429	94,429	326,194	85,235	240,959	123,075
Cornell University (N. Y.)	1,884,230	1,869,909	23,703	1,620	7,500	7,500	7,500	392,839	32,112	360,727	54,762
North Carolina State College	484,712	469,922	13,400	1,620	80,400	80,400	80,400	9,798	6,039	9,798	3,789
North Dakota Agricultural College	1,337,761	1,264,511	41,630	1,620	45,151	45,151	45,151	478,378	198,390	280,000	2,741
Ohio State University	1,080,100	1,028,966	32,574	1,620	177,845	177,845	177,845	511,673	36,776	474,897	21,111
Oklahoma A. & M. College	438,787	413,192	22,975	1,620	5,680	5,680	5,680	396,743	76,000	320,743	14,060
Oregon State College	1,161,690	1,132,675	7,356	1,620	26,089	26,089	26,089	3,407,230	31,543	3,375,687	142,000
Pennsylvania State University	1,810,961	1,773,341	34,000	1,620	2,089	2,089	2,089	1,176,164	24,512	1,151,652	16,332
University of Puerto Rico	84,847	82,535	3,312	1,620	2,089	2,089	2,089	226,757	24,512	202,245	3,603
University of Rhode Island	1,031,177	1,022,475	5,462	3,240	5,754	5,754	5,754	35,648	31,213	4,435	105
Clemson Agricultural College (S. C.)	474,567	468,697	4,280	1,620	67,772	67,772	67,772	26,894	11,782	15,112	3,941
South Dakota State College	1,253,364	1,243,016	8,735	1,620	11,869	11,869	11,869	30,368	30,368	30,368	—
University of Tennessee	3,479,401	2,464,251	13,945	1,215	10,450	10,450	10,450	248,026	34,999	213,027	—
A. & M. College of Texas	241,454	238,199	12,025	1,240	30,221	30,221	30,221	370,242	27,791	342,451	255,890
Utah State Agricultural College	197,305	192,458	5,590	1,370	7,320	7,320	7,320	201,213	21,671	179,542	61,970
University of Vermont	1,162,474	1,138,968	22,375	3,240	12,376	12,376	12,376	68,341	10,133	58,208	52,208
Virginia Polytechnic Institute	508,143	497,586	5,967	1,620	403,167	403,167	403,167	1,324,764	44,896	1,279,868	4,406
State College of Washington	703,138	691,253	10,135	1,620	3,839	3,839	3,839	131,946	14,375	117,571	11,505
West Virginia University	1,031,422	1,008,182	25,000	3,240	13,196	13,196	13,196	2,631,455	184,225	2,447,230	36,163
University of Wisconsin	265,330	250,570	4,000	1,360	136,306	136,306	136,306	337,606	46,308	291,298	13,762
University of Wyoming	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.



Table 16—FUNDS OF FEDERAL ORIGIN RECEIVED BY LAND-GRANT INSTITUTIONS: YEAR ENDED JUNE 30, 1955—Continued

Institution	FEDERAL APPROPRIATIONS—Continued				ENDOWMENT INCOME FROM LAND-GRANT FUNDS			OTHER FEDERAL FUNDS				
	Funds for cooperative extension				Total (cols. 17-18)	From land- grant funds	From other Federal grant funds	For educational and general purposes				
	Total (col. 19-19)	Smith- Lever funds (act of 1914 as amended)	Exten- sion under Agricul- tural Mar- keting Act	Coop- erative Farm Forestry (Clarke- McNary Act)				Total (cols. 20-22)	Funds from Veterans Adminis- tration for tuition and fees	Federal research funds (exclusive of funds in col. 5-11)	Other Federal grants and pay- ments	For plant expansion
1	20	19	16	15	16	17	18	19	20	21	22	23
17 Institutions attended predominantly by Negro students					26,264	26,264		194,516	194,223	23,150	19,066	
Alabama A. & M. College								2,065	2,065			
A. M. & N. College (Ark.)								4,654	4,654			
Delaware State College								374	374			
Florida A. & M. University								7,772	7,772			
Fort Valley State College (Ga.)								3,580	2,966		624	
Kentucky State College								203	203			
Southern Univ. & A. & M. College (La.)					1,300	1,300						
Maryland State College								12,431	5,431	7,000		
Alabama A. & M. College (Miss.)					12,592	12,592		7,026	5,443		333	
Lincoln University (Mo.)								1,474	1,070		1,395	
A. & T. College of North Carolina								44,296	44,296		404	
Langston University (Okla.)								2,832	2,832			





## 48 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

Table 17.—CONDITION OF LAND-GRANT FUNDS OF 1862 AND OTHER FEDERAL LAND-GRANT FUNDS: JUNE 30, 1935

STATE AND INSTITUTION	LAND-GRANT FUNDS OF 1862			OTHER FEDERAL LAND-GRANT FUNDS		
	Amount of fund not including value of unsold land	Unsold land		Amount of fund not including value of unsold land	Unsold land	
		Value of land	Number of acres		Value of land	Number of acres
1	2	3	4	5	6	7
Total	\$63, 298, 523	\$8, 442, 285	796, 657	\$30, 521, 480	\$8, 688, 642	899, 549
Alabama: Alabama Polytechnic Institute	1 358, 981					
Alaska: University of Alaska	60, 406			12, 317		
Arizona: University of Arizona	132, 667	291, 533	150, 000	938, 563	1, 341, 182	496, 080
Arkansas: University of Arkansas	953, 038	* 1	480	133, 953		
California: University of California	665, 841	(7)	30, 007			
Colorado: Colorado A. & M. College	135, 000					
Connecticut: University of Connecticut	84, 381					
Delaware: University of Delaware	161, 664			136, 159		
Florida: University of Florida	242, 202					
Georgia: University of Georgia	1, 881, 478	300, 140	30, 014	5, 423, 641	1, 038, 820	103, 883
Idaho: University of Idaho	649, 013					
Illinois: University of Illinois	340, 000					
Indiana: Purdue University	546, 943					
Iowa: Iowa State College	557, 601	4, 880	640			
Kansas: Kansas State College						
Kentucky:						
University of Kentucky	144, 075					
Kentucky State College	20, 926					
Louisiana: Louisiana State University	182, 313			136, 000		
Maine: University of Maine	118, 300					
Maryland: University of Maryland	132, 400					
Massachusetts:						
Massachusetts Institute of Technology	73, 000					
University of Massachusetts	146, 000					
Michigan: Michigan State University of Agriculture and Applied Science	1, 050, 370					
Minnesota: University of Minnesota	29, 545, 672	131, 003	26, 201			
Mississippi:						
Mississippi State College	98, 575			141, 213		
Alcorn A. & M. College	98, 206					
Missouri: University of Missouri	538, 314	73, 392	18, 348	122, 000		
Montana: Montana State College	1, 127, 323	643, 067	64, 307	384, 281	414, 198	41, 420
Nebraska: University of Nebraska	704, 463	147, 515	3, 834	227, 890	223, 870	9, 925
Nevada: University of Nevada	137, 353			66, 300		
New Hampshire: University of New Hampshire	80, 600					
New Jersey: Rutgers University	116, 000					
New Mexico: New Mexico A. & M. College	1, 018, 796	631, 235	210, 445			

See footnotes at end of table.

Table 17.—CONDITION OF LAND-GRANT FUNDS OF 1862 AND OTHER FEDERAL LAND-GRANT FUNDS: JUNE 30, 1955—Continued

STATE AND INSTITUTION	LAND-GRANT FUNDS OF 1862			OTHER FEDERAL LAND-GRANT FUNDS <sup>1</sup>		
	Amount of fund not including value of unsold land	Unsold land		Amount of fund not including value of unsold land	Unsold land	
		Value of land	Number of acres		Value of land	Number of acres
1	2	3	4	5	6	7
New York: Cornell University	688,576					
North Carolina: North Carolina State College	125,000					
North Dakota: North Dakota Agricultural College	2,060,775	130,318	13,932			
Ohio: Ohio State University	524,177			228,529		
Oklahoma: Oklahoma A. & M. College <sup>2</sup>				6,988,137	2,724,179	106,520
Oregon: Oregon State College	214,840	181	181			
Pennsylvania: Pennsylvania State University	500,000			17,000		
Rhode Island: University of Rhode Island	50,000					
South Carolina: Clemson Agricultural College	95,900					
South Carolina: South Carolina State College	95,000					
South Dakota: South Dakota State College	742,128	790,786	79,079	247,376	263,695	26,390
Tennessee: University of Tennessee	400,000					
Texas: A. & M. College of Texas	209,000					
Utah: Utah State Agricultural College	400,672	84,512	33,805			
Vermont: University of Vermont	122,000					
Virginia: Virginia Polytechnic Institute	244,312					
Virginia: Virginia State College	173,081					
Washington: State College of Washington	3,547,528	2,475,672	61,891	11,177,783	3,332,060	83,302
West Virginia: West Virginia University	125,700					
Wisconsin: University of Wisconsin	303,595			334,130		
Wyoming: University of Wyoming	451,750	728,930	72,893	4,107,416	350,540	35,054

<sup>1</sup> Includes \$165,681 temporarily functioning as endowment.

<sup>2</sup> Nominal value.

<sup>3</sup> Not reported.

<sup>4</sup> By the enabling act of June 16, 1906, Oklahoma received 250,000 acres for the benefit of the A. & M. College, but the act does not state that the grant was in lieu of the 1862 grant.



Table 18.—INCOME, EXPENDITURES, AND BALANCES OF EARNINGS FROM LAND-GRANT FUNDS OF 1862, AND INCOME FROM OTHER FEDERAL LAND-GRANT FUNDS: YEAR ENDED JUNE 30, 1955

STATE AND INSTITUTION	FROM EARNINGS OF LAND-GRANT FUNDS OF 1952										INCOME FROM OTHER FEDERAL LAND-GRANT FUNDS (JULY 1, 1954-JUNE 30, 1955)
	Total funds available (sum of cols. 3 and 4)	Balance remaining unexpended July 1, 1954	Income (July 1, 1954-June 30, 1955)				Expenditures (July 1, 1954-June 30, 1955)			Balance remaining unexpended June 30, 1955	
			Total income	On invested funds	From rentals, rights, deferred payments, etc.	Total expenditures	For salaries	For facilities			
1	2	3	4	5	6	7	8	9	10	11	
<b>Total</b>	97,899,353	\$795,079	\$1,984,343	\$1,791,009	\$203,233	\$12,957,513	\$1,419,363	\$439,353	\$811,451	\$983,228	
Alabama: Alabama Polytechnic Institute	22,355			22,355		22,355					
Alaska: University of Alaska	26,206	16,930	12,367	1,754	10,613	24,075				162	
Arizona: University of Arizona	6,039		6,039	6,039		6,039			5,131	80,545	
Arkansas: University of Arkansas	76,082	49,861	20,521	20,521		25,618	14,316		41,064	5,318	
California: University of California											
Colorado: Colorado A. & M. College	27,395	13,543	23,945	17,032	6,913	21,945	21,945		16,043		
Connecticut: University of Connecticut	95,955	86,104	6,548	6,548		32,949	32,949		63,003		
Delaware: University of Delaware	1,401		1,401	1,401		1,401	1,401				
Florida: University of Florida	7,720		7,720	7,720		7,720	7,720				
Georgia: University of Georgia	6,410		6,410	6,410		6,410	6,410			1,713	
Idaho: University of Idaho	54,314		54,314	54,314		54,314	54,314				
Illinois: University of Illinois	32,451		32,451	32,451		32,451	32,451			136,616	
Indiana: Purdue University	10,327		10,327	10,327		10,327	10,327				
Iowa: Iowa State College	14,126		14,126	14,126		14,126	14,126				
Kansas: Kansas State College	50,491	36,409	13,982	13,763	239	14,126	14,126		60,401		
Kentucky: University of Kentucky	8,645		8,645	8,645		8,645	8,645				
Kentucky State College	1,300		1,300	1,300		1,300	1,300				
Louisiana: Louisiana State College	6,115		6,115	6,115		6,115	6,115				
Maine: University of Maine	5,915		5,915	5,915		5,915	5,915			5,440	
Maryland: University of Maryland	3,310		3,310	3,310		3,310	3,310				
Massachusetts: Massachusetts Institute of Technology	2,030		2,030	2,030		2,030	2,030				
University of Massachusetts	17,740	10,440	7,300	7,300		8,308	8,308		9,432		





Table 19.—MORRILL-NELSON AND BANKHEAD-JONES FUNDS: YEAR ENDED JUNE 30, 1955

STATE AND INSTITUTION	FUNDS AVAILABLE			EXPENDITURES				BALANCE ON HAND JUNE 30, 1955
	TOTAL (sum of cols. 3 and 4)	Balance on hand July 1, 1954	Appropriations for year ended June 30, 1955		Total	Salaries	Facilities	
			Amount	Percent to each institution in State				
1	2	3	4	5	6	7	8	9
All institutions.....	85, 975, 269.17	922, 748.17	94, 941, 169.99	100.00	85, 961, 422.45	84, 977, 921.09	954, 491.37	915, 915.73
52 institutions.....	4, 583, 963.33	5, 722.41	4, 578, 249.92	99.98	4, 578, 869.09	4, 554, 864.57	24, 004.52	5, 172.64
17 institutions attended predominantly by Negro students.....	691, 364.04	18, 034.76	673, 329.28	9.57	682, 361.76	671, 719.21	60, 642.55	9, 702.95
Alabama:								
Alabama Polytechnic Institute.....	65, 405.29		65, 405.29	65.05	65, 405.29	64, 761.98		
Alabama A. & M. College.....	35, 136.14		35, 136.14	34.95	35, 136.14	32, 140.14		
Alaska: University of Alaska.....	71, 283.24		71, 283.24	100.00	71, 283.24	71, 283.24		
Arizona: University of Arizona.....	77, 486.26	9.00	77, 477.26	100.00	77, 486.26	77, 486.26		
Arkansas:								
University of Arkansas.....	64, 761.98		64, 761.98	72.73	64, 761.98	64, 761.98		
A. M. & N. College.....	34, 283.73		34, 283.73	27.27	34, 283.73	23, 096.50	609.23	
California: University of California.....	175, 599.47		175, 599.47	100.00	175, 599.47	175, 599.47		
Colorado: Colorado A. & M. College.....	83, 218.00		83, 218.00	100.00	83, 218.00	83, 218.00		
Connecticut: University of Connecticut.....	90, 022.98		90, 022.98	100.00	90, 022.98	90, 022.98		
Delaware:								
University of Delaware.....	18, 433.29		18, 433.29	79.96	18, 433.29	18, 433.29		
Delaware State College.....	16, 739.67		16, 739.67	30.14	16, 739.67	10, 003.67	4, 736.00	
Florida:								
University of Florida.....	48, 922.13		48, 922.13	80.00	48, 922.13	48, 922.13		
Florida A. & M. University.....	49, 021.46	190.36	48, 822.13	80.00	48, 822.13	48, 822.13		
Georgia:								
University of Georgia.....	72, 134.28		72, 134.28	69.11	72, 134.28	72, 134.28		
Fort Valley State College.....	32, 236.00		32, 236.00	30.89	32, 236.00	32, 236.00		
								2, 678.00

Hawaii: University of Hawaii	74,290.43	283.00	74,905.53	100.00	74,352.00	74,352.00	354.43
Idaho: University of Idaho	75,871.76		75,871.76	100.00	75,871.76	75,871.76	
Illinois: University of Illinois	156,905.51		156,905.51	100.00	156,905.51	156,905.51	
Indiana: Purdue University	109,244.59		109,244.59	100.00	109,244.59	109,244.59	
Iowa: Iowa State College	96,145.67		96,145.67	100.00	96,145.67	96,145.67	
Kansas: Kansas State College	89,005.70		89,005.70	100.00	89,005.70	89,005.70	
Kentucky: University of Kentucky	94,965.00		94,965.00	85.50	94,965.00	94,965.00	
Kentucky State College	14,409.37		14,409.37	14.00	14,409.37	14,409.37	
Louisiana: Louisiana State University	61,903.16		61,903.16	63.96	61,903.16	61,903.16	
Southern University and A. & M. College	34,875.39		34,875.39	36.04	34,875.39	34,875.39	
Maine: University of Maine	79,115.06		79,115.06	100.00	79,115.06	79,115.06	
Maryland: University of Maryland	77,872.85		77,872.85	82.40	77,872.85	77,872.85	
Maryland State College	15,499.00		15,499.00	36.00	15,499.00	15,499.00	
Massachusetts: Massachusetts Institute of Technology	16,000.67		16,000.67	14.27	16,000.67	16,000.67	
University of Massachusetts	100,122.05		100,122.05	85.73	100,122.05	100,122.05	
Michigan: Michigan State University of Agriculture and Applied Science	133,559.50		133,559.50	100.00	133,559.50	133,559.50	
Minnesota: University of Minnesota	99,750.80		99,750.80	100.00	99,750.80	99,750.80	
Mississippi: Mississippi State College	42,191.05		42,191.05	45.99	42,191.05	42,191.05	
Abern A. & M. College	40,544.01		40,544.01	54.01	40,544.01	40,544.01	
Missouri: University of Missouri	102,807.85		102,807.85	93.75	102,807.85	102,807.85	
Lincoln University	8,179.52	1,339.00	8,940.52	6.25	8,068.71	8,513.77	80.81
Montana: Montana State College	75,905.57		75,905.57	100.00	75,905.57	75,905.57	
Nebraska: University of Nebraska	83,222.20		83,222.20	100.00	83,222.20	83,222.20	
Nevada: University of Nevada	71,996.86		71,996.86	100.00	71,996.86	71,996.86	
New Hampshire: University of New Hampshire	75,319.18		75,319.18	100.00	75,319.18	75,319.18	
New Jersey: Rutgers University	119,233.27		119,233.27	100.00	119,233.27	119,233.27	
New Mexico: New Mexico A. & M. College	76,794.96		76,794.96	100.00	76,794.96	76,794.96	
New York: Cornell University	223,334.81	5,401.00	217,933.81	100.00	218,966.81	225,056.81	4,769.03

See footnotes at end of table.



Table 19.—MORRILL-NELSON AND BANKHEAD-JONES FUNDS: YEAR ENDED JUNE 30, 1955—Continued

STATE AND INSTITUTION	FUNDS AVAILABLE				EXPENDITURES				BALANCE ON HAND JUNE 30, 1952 1
	TOTAL (sum of c's. 3 and 4)	Balance on hand July 1, 1954	Appropriations for year ended June 30, 1955		Total	Salaries	Facilities		
			Amount	Percent to each institution in State					
1	2	3	4	5	6	7	8	9	
North Carolina: North Carolina State College.....	74,047.37		74,047.37	67.00	74,047.37	74,047.37			
A. & T. College of North Carolina.....	36,471.10		36,471.10	33.00	36,471.10	36,471.10			
North Dakota: North Dakota Agricultural College.....	76,180.98		76,180.98	100.00	76,180.98	76,180.98			
Ohio: Ohio State University.....	148,268.02		148,268.02	100.00	148,268.02	148,268.02			
Oklahoma: Oklahoma A. & M. College.....	83,050.27		83,050.27	60.00	83,050.27	83,050.27			
Longhorn University.....	9,227.80		9,227.80	10.00	9,227.80	9,227.80			
Oregon: Oregon State College.....	86,176.66		86,176.66	100.00	86,176.66	86,176.66			
Pennsylvania: Pennsylvania State University.....	174,719.55		174,719.55	100.00	174,719.55	174,719.55			
Puerto Rico: University of Puerto Rico.....	50,000.21	21	50,000.00	100.00	50,000.00	49,740.00	260.00	21	
Rhode Island: University of Rhode Island.....	77,898.30		77,898.30	100.00	77,898.30	77,898.30			
South Carolina: Clemson Agricultural College.....	45,538.86		45,538.86	63.00	45,538.86	45,538.86			
South Carolina State College.....	43,686.86		43,686.86	82.00	43,686.86	43,686.86			
South Dakota: South Dakota State College.....	76,511.20		76,511.20	100.00	76,511.20	76,511.20			
Tennessee: University of Tennessee.....	88,340.55		88,340.55	82.96	88,340.55	86,340.55			
Tennessee A. & I. State University.....	16,494.93		16,494.93	16.04	16,494.93	13,084.06	4,410.87		
Texas: A. & M. College of Texas.....	110,193.40		110,193.40	75.00	110,193.40	106,860.40	3,333.00		
Franklin View A. & M. College.....	47,603.14		47,603.14	25.00	47,603.14	106,860.40	41,632.14		
Utah: Utah State Agricultural College.....	76,871.68	10,863.00	76,871.68	100.00	76,871.68	76,871.68		8,041.00	

Vermont: University of Vermont.....	73,768.09	100.00	73,768.09	73,768.09
Virginia:				
Virginia Polytechnic Institute.....	68,736.29	66.67	68,736.29	68,736.29
Virginia State College.....	34,268.14	33.33	34,268.14	34,268.14
Washington: State College of Washington.....	93,730.58	100.00	93,730.58	93,730.58
West Virginia:				
West Virginia University.....	72,004.59	83.00	72,004.59	72,004.59
West Virginia State College.....	23,624.55	20.00	23,731.28	17,925.91
Wisconsin: University of Wisconsin.....	104,322.80	100.00	104,322.80	98,179.00
Wyoming: University of Wyoming.....	72,868.08	100.00	72,868.08	72,868.08
				903.27

! Appropriations are made to States, not to institutions, under acts of Congress approved August 30, 1890 (Second Morrill Act), March 4, 1907 (Nelson amendment), and June 30, 1903 (sec. 22 Bankhead-Jones Act).

: In general, these balances represent amounts encumbered for services and facilities for school year 1954-55, but for which checks had not been issued.



## 56 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

Table 20.—ADDITIONS TO PHYSICAL PLANT ASSETS<sup>1</sup> OF LAND-GRANT INSTITUTIONS, YEAR ENDED JUNE 30, 1955

Institution	Total additions to physical plant assets	Land	Buildings and improvements other than buildings	Furniture and equipment	Unfinished construction, construction materials and supplies <sup>2</sup>
1	2	3	4	5	6
All institutions.....	\$199,713,879	\$2,523,953	\$145,636,998	\$49,862,454	\$998,233
52 institutions.....	174,739,723	2,544,896	122,508,379	35,365,399	45,199
Alabama Polytechnic Institute.....	365,398		65,398	300,000	
University of Alaska.....	108,486	5,604	45,007	58,845	
University of Arizona.....	1,350,470	232,180	937,753	338,608	-148,301
University of Arkansas.....	4,028,300	18,000	366,007	361,995	2,350,208
University of California.....	18,478,320	500,324	64,641,044	1,918,049	-28,334,578
Colorado A. & M. College.....	1,830,135		1,909,629	310,306	
University of Connecticut.....	2,061,356	28,817	5,231,637	1,238,310	-4,432,656
University of Delaware.....	650,691	11,022	933,739	317,140	
University of Florida.....	2,628,954	88,059	3,070,218	512,508	698,171
University of Georgia.....	4,182,582	43,347	1,811,879	671,692	1,755,694
University of Hawaii.....	212,987		21,872	191,315	
University of Idaho.....	1,522,126	34,184	1,864,879	133,092	
University of Illinois.....	9,121,816	44,087	1,652,183	3,531,728	2,892,648
Purdue University (Ind.).....	5,192,308	178,839	648,967	866,916	2,775,162
Iowa State College.....	1,644,843		1,394,843	250,000	
Kansas State College.....	304,672	154,400	751,719	454,330	-1,158,777
University of Kentucky.....	4,495,470	64,195	1,701,548	514,310	2,309,419
Louisiana State University.....	2,860,111	42,100	2,421,183	906,398	470,503
University of Maine.....	788,783	143	83,897	155,237	578,743
University of Maryland.....	5,042,701	10,966	4,145,145	1,037,878	-180,789
Massachusetts Institute of Technology.....	2,698,575	101,514	2,345,799	390,090	120,203
University of Massachusetts.....	1,526,152	13,000	1,127,919	386,126	
Michigan State University of Agriculture and Applied Science.....	9,957,358	100,308	965,227	863,423	2,008,422
University of Minnesota.....	8,543,524	73,777	5,029,683	3,440,185	
Mississippi State College.....	312,497	-20,699	99,358	221,740	60,871
University of Missouri.....	5,773,414	268,467	17,228	493,328	4,993,891
Montana State College.....	2,527,661	39,121	77,606	295,844	2,305,530
University of Nebraska.....	2,705,825	92,234	1,651,368	1,913,163	149,106
University of Nevada.....	302,770		33,335	269,435	6,000
University of New Hampshire.....	588,507		795,109	32,933	-154,302
Rutgers University (N. J.).....	2,423,755	40,751	1,304,794	488,210	
New Mexico A. & M. College.....	1,094,450		122,676	62,239	909,535
Cornell University (N. Y.).....	10,032,360	16,560	7,671,064	2,343,716	
North Carolina State College.....	1,756,055		861,485	774,670	
North Dakota Agricultural College.....	207,904		307,310	25,530	-125,241
Ohio State University.....	5,202,350		4,267,304	934,746	
Oklahoma A. & M. College.....	1,213,082	451,778	249,687	501,617	
Oregon State College.....	1,307,228	86,591	761,842	479,795	
Pennsylvania State University.....	11,690,828	1	11,695,789	1,982,746	-1,965,657
University of Puerto Rico <sup>3</sup> .....	1,338,616		881,133	555,967	301,516
University of Rhode Island.....	9,683		19,046	-9,364	
Clemson Agricultural College (S. C.).....	7,012,906		4,097,891	2,142,305	-197,000
South Dakota State College.....	491,918	89,690	370,288	44,114	17,844
University of Tennessee.....	6,805,375	120,247	5,785,824	899,304	
A. & M. College of Texas <sup>4</sup> .....	2,132,080	85,923	2,390,875	682,272	
Utah State Agricultural College.....	2,596,596	14,950	2,251,378	390,270	
University of Vermont.....	252,478			232,479	
Virginia Polytechnic Institute.....	1,646,543	172,947	1,148,367	155,943	169,200
State College of Washington <sup>5</sup> .....	1,136,799	43,934	462,718	619,147	
West Virginia University.....	2,553,698		2,549,318	594,368	410,000
University of Wisconsin.....	5,124,593	82,982	993,017	1,433,401	2,618,193
University of Wyoming.....	913,757		679,726	234,029	

See footnotes at end of table.

Table 20.—ADDITIONS TO PHYSICAL PLANT ASSETS<sup>1</sup> OF LAND-GRANT INSTITUTIONS, YEAR ENDED JUNE 30, 1955—Continued

Institution	Total additions to physical plant assets	Land	Buildings and improvements other than buildings	Furniture and equipment	Unfinished construction, construction materials and supplies <sup>2</sup>
1	2	3	4	5	6
17 institutions attended predominantly by Negro students.....	15,974,148	9,363	12,998,259	1,976,594	952,223
Alabama A. & M. College.....	220,000		183,000	27,000	
A. M. & N. College (Ark.).....	75,212		528,841		-453,629
Delaware State College.....	40,546		26,731	22,815	
Florida A. & M. University.....	1,622,016		1,939,307	167,345	-475,636
Fort Valley State College (Ga.).....	66,249		7,802	56,010	1,437
Kentucky State College.....	26,000		6,000	20,000	
Southern Univ. & A. & M. College (La.).....	4,060,291	16,000	2,362,884	600,798	1,076,609
Maryland State College.....	74,065		12,090	62,575	
Alcorn A. & M. College (Miss.).....	477,659		420,000	27,659	
Lincoln University (Mo.).....	116,647		54,480	62,167	
A. & T. College of North Carolina.....	2,605,531		1,626,799	843,421	635,311
Langston University (Okla.).....	10,134			10,134	
South Carolina State College.....	1,691,336	12,490	1,413,213	266,633	
Tennessee A. & I. State University.....	1,904,470		1,715,379	66,860	122,240
Prairie View A. & M. College (Tex.) <sup>3</sup> .....	1,091,623	-18,127	1,003,268	106,484	
Virginia State College.....	1,761,025		1,710,740	50,285	
West Virginia State College.....	124,744		53,836	70,908	

<sup>1</sup> Includes appraised value of gifts.

<sup>2</sup> Negative quantities represent the difference between unfinished construction as of June 30, 1955 and unfinished construction as of June 30, 1954. Thus, for the University of Arizona, the reported quantity, \$148,361 is the difference between \$79,351 and \$227,712.

<sup>3</sup> Included with "Buildings and improvements other than buildings."

<sup>4</sup> Nominal value of gift.

<sup>5</sup> Data are for fiscal year ended June 30, 1954.

<sup>6</sup> Data are for fiscal year ended August 31, 1955.

<sup>7</sup> Data are for fiscal year ended March 31, 1955.



Table 21.—ADDITIONS TO PLANT FUNDS OF LAND-GRANT INSTITUTIONS: YEAR ENDED JUNE 30, 1955

Institution	Grand total (sum of cols. 3, 9, 10, and 11)	Additions to plant funds						Loans to plant funds from--		Transfers from current funds
		Total (sum of cols. 4-8)	From Federal Government	From State governments	From district, county, or city, government	From private gifts and grants	From other sources, except transfers and loans	Non-institutional sources	Institutional funds	
<b>All institutions</b>	\$114, 513, 000	\$97, 430, 200	\$1, 742, 000	\$73, 840, 717	\$315, 837	\$11, 844, 273	\$10, 768, 108	\$28, 054, 003	\$4, 433, 000	\$12, 925, 443
<b>20 institutions</b>	144, 120, 000	99, 443, 500	1, 742, 000	66, 328, 448	310, 637	11, 743, 123	10, 513, 553	30, 320, 003	4, 433, 000	12, 813, 743
Alabama Polytechnic Institute	351, 323	114, 046	7, 437	60, 000			40, 000			257, 277
University of Alaska	404, 713	404, 713		404, 713						244, 000
University of Arizona	1, 300, 000	933, 100		500, 000		9, 713	33, 100	400, 000	17, 000	172, 277
University of Arkansas	4, 088, 422	3, 016, 145	1, 300, 800	2, 547, 305						513, 102
University of California	10, 742, 717	10, 183, 000		9, 130, 700		143, 700	854, 100		35, 000	
Colorado A. & M. College	1, 575, 000	195, 343		132, 124		12, 219		1, 080, 554		
University of Connecticut	1, 115, 315	1, 115, 315		30, 304			1, 084, 731			
University of Delaware	2, 940, 846	2, 940, 846		632, 000		2, 157, 144	130, 807			
University of Florida	7, 045, 317	5, 040, 018		4, 027, 000		4, 819	114, 416	1, 000, 000		900, 200
University of Georgia	1, 258, 000	1, 021, 000		316, 216		622, 150	152, 000		100, 000	475, 404
University of Hawaii	105, 225	30, 431		30, 431				74, 791		
University of Idaho	1, 020, 100	191, 700					191, 700	1, 200, 000		187, 375
University of Illinois	6, 001, 500	5, 000, 000		4, 100, 000			843, 200			1, 800, 204
Purdue University (Ind.)	6, 503, 414	1, 961, 044		1, 833, 704		200	128, 000	2, 510, 000	1, 700, 000	318, 000
Iowa State College	2, 000, 000	1, 000, 000		600, 511			64, 834	700, 000		300, 100
Kansas State College	1, 207, 000	1, 207, 000		1, 100, 451		2, 700	88, 000			
University of Kentucky	4, 022, 478	327, 478					327, 478			40, 000
Louisiana State University	1, 066, 700	84, 000		84, 000		54, 000		300, 000		161, 100
University of Maine	535, 304	32, 575	5, 000			27, 575		400, 000		102, 810
University of Maryland	6, 353, 017	3, 600, 202		2, 901, 250		14, 572	684, 440	2, 350, 128	203, 500	42, 027
Massachusetts Institute of Technology	1, 500, 532	1, 500, 532		4, 550, 000		1, 330, 000	65, 000			
University of Massachusetts	4, 800, 000	4, 800, 000				50, 000				
Michigan State University of Agriculture and Applied Science	13, 403, 000	2, 100, 000		3, 100, 000		491, 300	1, 575, 512	8, 207, 000		514, 142
University of Minnesota	2, 074, 000	2, 074, 000	200, 000	1, 750, 000	204, 327	370, 912	182, 000			300, 000
Mississippi State College	4, 433, 100	523, 000		523, 000						300, 000
University of Missouri	4, 433, 100	4, 433, 100		4, 433, 100						1, 371, 312
Montana State College	4, 114, 018	70, 012						300, 000		340, 533
University of Nebraska	2, 740, 210	2, 740, 210		2, 134, 000				4, 000, 000		514, 142
University of Nevada	738, 316	738, 316	162, 180	2, 134, 000		73	64, 137			300, 000
University of New Hampshire	741, 001	141, 127				738, 316	120, 000		840, 000	200, 520



Rutgers University (N. J.)	3, 190, 246	1, 530, 788	1, 403, 321	277, 594	169, 973	763, 000	97, 279	479, 179
New Mexico A. & M. College	1, 091, 517	13, 167	13, 167		13, 167	1, 060, 000		26, 060
Cornell University (N. Y.)	10, 032, 260	8, 895, 908	5, 146, 988	3, 749, 220			1, 136, 833	
North Carolina State College								
North Dakota Agricultural College	28, 849	28, 849			28, 849			
Ohio State University	3, 117, 535	717, 535		717, 535		2, 400, 000		
Oklahoma A. & M. College	1, 022, 690	405, 302	122, 967		282, 535	104, 543		311, 845
Oregon State College	472, 476	20, 305		5, 563	14, 742	150, 000		287, 171
Pennsylvania State University	793, 357	793, 357		121, 360	671, 997			
University of Puerto Rico	905, 900	203, 600	233, 000					672, 300
University of Rhode Island	82, 524	82, 524						
Clatsop Agricultural College (S. C.)	4, 236, 072	336, 072		14, 100	321, 972	4, 000, 000		
South Dakota State College	550, 000	550, 000	850, 000					
University of Tennessee	7, 590, 998	6, 307, 968	6, 101, 696	7, 554	178, 448	473, 450		809, 280
A. & M. College of Texas	2, 310, 457	1, 860, 106			1, 360, 106	220, 000		730, 331
Utah State Agricultural College	1, 406, 307	754, 727	628, 430		131, 277	600, 000		51, 580
University of Vermont	43, 070	43, 070		3, 070	40, 000			
Virginia Polytechnic Institute	1, 699, 399	1, 549, 399	1, 439, 399	130, 000		100, 000		
State College of Washington	531, 467	570, 816		22, 073	348, 743			100, 851
West Virginia University	1, 751, 955	681, 955	680, 000		1, 985	970, 000		100, 000
University of Wisconsin	2, 919, 904	2, 019, 904	1, 087, 302	332, 602			90, 000	900, 000
University of Wyoming	228, 380			885				137, 495
If institutions attended predominantly by Negro students								
Alabama A. & M. College	9, 982, 745	8, 982, 922	7, 912, 377	169, 139	267, 915	1, 268, 000		112, 768
A. M. & N. College (Ark.)	181, 000	181, 000	175, 000		6, 000			260
Delaware State College						310, 638		1, 300
Florida A. & M. University	310, 538							
Furt Valley State College (Ga.)	1, 200							
Kentucky State College								
Southern Univ. & A. & M. College (La.)	3, 945, 300	3, 945, 300	3, 945, 300					
Maryland State College			70, 356					
Alcorn A. & M. College (Miss.)	70, 356							
Lincoln University (Mo.)								
A. & T. College of North Carolina								
Langston University (Okla.)								
South Carolina State College	1, 526, 733	683, 916	330, 951	102, 130	250, 905	941, 817		
Tennessee A. & I. State University	1, 670, 000	1, 670, 000	1, 670, 000		10, 710	146, 575		111, 243
Prattville State A. & M. College (Tex.)	267, 525	10, 710						
Virginia State College	1, 710, 740	1, 710, 740	1, 710, 740					
West Virginia State College								

! Bond issues, mortgages, Federal Housing and Home Finance Agency notes, bank loans, etc.

\* Data are for fiscal year ended June 30, 1964.

\* Data are for fiscal year ended Aug. 31, 1965.

\* Data are for fiscal year ended Mar. 31, 1966.



Table 22.—PHYSICAL PLANT ASSETS AND LIQUID ASSETS OF PLANT FUNDS OF LAND-GRANT INSTITUTIONS: JUNE 30, 1955

Institution	Total plant assets (sum of cols. 3 and 5)	Physical plant assets					Liquid assets of plant funds
		Total	Land	Buildings and improvements other than buildings	Furniture and equipment	Unfinished construction and construction inventories	
1	2	3	4	5	6	7	8
<b>All institutions</b>	<b>\$2,325,664,969</b>	<b>\$2,167,994,974</b>	<b>\$189,468,641</b>	<b>\$1,527,219,969</b>	<b>\$449,667,899</b>	<b>\$99,026,664</b>	<b>\$157,769,963</b>
<b>29 institutions</b>	<b>2,321,632,196</b>	<b>2,070,768,391</b>	<b>87,327,839</b>	<b>1,456,369,966</b>	<b>422,979,945</b>	<b>94,712,391</b>	<b>164,863,987</b>
Alabama Polytechnic Institute	18,761,963	18,268,900	2,048,900	14,650,000	1,593,000		892,763
University of Alaska	4,775,994	3,712,494	1,066,264	2,557,241	988,969		1,083,260
University of Arizona	20,073,203	18,765,539	1,467,930	13,629,618	3,883,930	79,351	1,307,674
University of Arkansas	30,327,403	28,460,969	481,255	11,873,656	4,953,648	9,952,380	3,806,434
University of California	281,260,856	236,842,668	16,142,023	165,988,642	48,896,632	5,902,371	44,418,268
Colorado A. & M. College	16,073,136	15,751,319	209,065	12,602,481	2,980,053		323,617
University of Connecticut	44,228,197	39,790,574	342,315	31,346,426	5,718,311	1,383,522	4,437,023
University of Delaware	17,084,100	14,475,356	626,309	10,097,541	3,751,006		3,208,744
University of Florida	57,927,915	52,884,066	1,798,536	36,307,664	10,100,697	4,677,469	5,043,949
University of Georgia	26,374,653	20,335,048	1,119,833	20,452,272	6,027,479	1,756,464	30,837
University of Hawaii	10,948,637	10,948,637	1,776,783	6,101,061	3,070,793		483,707
University of Idaho	20,871,554	19,935,847	1,026,348	15,962,302	2,947,197		6,817,063
University of Illinois	134,962,898	128,145,805	4,212,463	76,849,715	31,063,564	15,380,033	11,918,977
Purdue University (Ind.)	64,101,143	52,182,186	2,328,927	30,472,092	8,847,083	10,534,064	1,206,161
Iowa State College	33,765,792	32,539,631	1,017,839	22,972,443	8,569,349		1,466,874
Kansas State College	28,939,036	27,440,162	871,944	19,854,490	4,998,718	1,713,960	3,783,496
University of Kentucky	39,790,673	39,386,455	1,224,545	25,965,217	8,413,194	3,783,496	454,531
Louisiana State University	49,508,698	46,054,137	1,944,310	38,947,161	7,713,103	479,563	479,419
University of Maine	13,031,858	12,542,439	74,983	8,661,321	3,140,937	665,196	6,494,980
University of Maryland	59,920,223	53,425,354	2,020,166	38,221,654	9,236,102	3,957,312	3,095,733
Massachusetts Institute of Technology	40,181,738	37,086,006	2,127,632	32,598,156	2,239,933	120,262	1,874,906
University of Massachusetts	14,019,825	14,019,825	194,913	11,851,918	2,472,904	16,015,798	3,372,024
Michigan State University of Agriculture and Applied Sciences	84,162,341	82,267,433	2,323,014	54,026,766	9,921,853		3,570,509
University of Minnesota	113,647,454	110,375,430	6,567,492	74,363,483	29,324,455		2,867,723
Mississippi State College	20,630,085	19,859,576	731,007	14,599,481	4,216,537	352,461	2,015,055
University of Missouri	71,429,675	69,126,935	1,312,278	51,061,771	9,917,303	6,837,583	2,802,740
Montana State College	13,906,531	11,796,384	380,093	5,796,006	2,766,562		2,867,147
University of Nebraska	45,321,881	42,399,099	4,571,072	36,453,183	9,357,749		2,922,312
University of Nevada	6,820,955	4,928,705	372,346	3,068,924	1,463,435	6,000	1,892,250
University of New Hampshire	11,767,657	11,281,144	1,521,465	9,601,062	1,557,567		1,468,513



Rutgers University (N. J.)	66,840,120	10,656,743	43,981,430	11,201,937	1,013,610	8,542,047
New Mexico A. & M. College	6,061,012	181,086	3,773,322	1,117,751		595,243
Cornell University (N. Y.)	79,930,508	1,847,963	62,032,319	26,040,236		3,218,666
North Carolina State College	32,323,483	413,009	24,609,217	7,211,257		1,092,704
North Dakota Agricultural College	12,643,262	775,000	8,921,266	2,837,939		91,227
Ohio State University	90,079,830	2,276,893	62,331,513	22,698,823		11,611,611
Oklahoma A. & M. College	48,310,103	1,197,890	37,865,984	9,256,129		2,385,753
Oregon State College	28,947,256	1,738,574	18,663,026	7,729,957		815,990
Pennsylvania State University	78,401,707	2,554,734	58,594,261	15,101,626	231,457	4,317,829
University of Puerto Rico <sup>1</sup>	18,970,731	1,981,346	10,865,463	4,742,014	1,081,823	300,084
University of Rhode Island	9,899,102	190,248	8,943,203	1,065,651		
Clemson Agricultural College (S. C.)	27,083,419	445,666	17,936,066	8,048,077	3,000	730,561
South Dakota State College	8,322,544	221,870	3,900,297	2,883,716	492,690	817,001
University of Tennessee	46,244,466	3,599,928	31,570,312	9,708,986		1,363,340
A. & M. College of Texas <sup>1</sup>	44,443,555	4,197,022	27,213,439	11,568,749		1,476,155
Utah State Agricultural College	17,195,428	755,536	11,205,803	4,466,020		775,769
University of Vermont	7,433,802	306,456	6,034,077	424,516		68,773
Virginia Polytechnic Institute	22,078,475	1,806,136	17,546,019	2,885,385	108,266	171,769
State College of Washington <sup>1</sup>	31,963,873	942,832	24,944,339	6,708,909		427,793
West Virginia University	35,799,418	( <sup>2</sup> )	35,092,418	( <sup>2</sup> )	( <sup>2</sup> )	100,000
University of Wisconsin	82,407,753	2,760,490	58,629,791	13,641,266	2,025,407	4,340,909
University of Wyoming	18,882,275	260,215	12,935,134	4,611,356		85,570
17 Institutions attended predominantly by Negro students						
Alabama A. & M. College	164,613,671	3,341,932	71,846,422	18,898,735	4,326,372	5,966,863
A. M. & N. College (Ark.)	3,211,307	106,000	2,520,553	479,964		16,000
Delaware State College	3,156,942	106,854	2,599,060	450,138		1,200
Florida A. & M. University	1,407,714	31,000	1,085,528	203,737		5,449
Fort Valley State College (Ga.)	13,928,713	66,830	8,657,991	1,898,967	533,855	2,743,320
	2,850,714	53,288	2,072,246	600,345	87,587	66,248
Kentucky State College	3,600,000	112,000	2,088,000	420,000		
Southern Univ. & A. & M. College (La.)	10,272,786	33,152	4,920,706	1,637,540	3,661,386	
Maryland State College	2,961,150	70,814	2,227,914	522,938		136,484
Alcorn A. & M. College (Miss.)	2,103,057	10,210	1,592,861	502,806		57,180
Lincoln University (Mo.)	5,200,890	200,000	4,054,490	612,000		484,380
A. & T. College of North Carolina	9,856,603	360,357	7,537,175	1,325,760	633,311	
Langston University (Okla.)	2,811,275	113,866	2,241,026	358,260		121,094
South Carolina State College	6,445,317	171,325	3,764,030	1,008,219		1,513,843
Tennessee A. & I. State University	12,790,235	980,430	8,015,370	2,966,200	410,236	350,000
Prairie View A. & M. College (Tex.) <sup>1</sup>	7,538,060	146,700	5,006,294	1,538,813		843,283
Virginia State College	11,427,352	490,908	9,287,550	1,124,267		522,527
West Virginia State College	4,381,176	58,298	3,205,957	1,116,941		

<sup>1</sup> Includes \$2,234,767 increase in insurance valuation of buildings.<sup>2</sup> Includes undrawn balance of \$978,542 of State appropriation for capital improvement.<sup>3</sup> Data are for fiscal year ended June 30, 1964.<sup>4</sup> Data are for fiscal year ended August 31, 1965.<sup>5</sup> Data are for fiscal year ended March 31, 1965.<sup>6</sup> Included with buildings.<sup>7</sup> Includes revaluation of \$3,041,614.<sup>8</sup> Includes increase of \$77,219 in revaluation of equipment for insurance purposes.



## APPENDIX

### COLLECTION OF DATA

The data on earned degrees<sup>1</sup> and on enrollment were obtained from responses to questionnaires sent to all institutions of higher education in the aggregate United States. The financial data were obtained from three forms sent to the 69 land-grant institutions: (1) Financial Statistics of Institutions of Higher Education;<sup>2</sup> (2) Land-Grant Appropriations for Instruction Facilities, Research, and Cooperative Extension Fiscal Year Ended June 30, 1955; and (3) Report of the Treasurer, Land-Grant and Supplementary Morrill Funds Fiscal Year Ended June 30, 1955. Copies of the questionnaire forms which are not reproduced in other Office of Education publications are on pages 64-74.

The data in this bulletin are for the year ended June 30, 1955, with the exception of the financial statistics for the following institutions which are for the period indicated: the University of Puerto Rico, for the year ended June 30, 1954; the A. & M. College of Texas and Prairie View A. & M. College (Tex.), for the year ended August 31, 1955; and the State College of Washington, for the year ended March 31, 1955.

Data requested in the Exhibit, Selected Current Expenditure Items, on Form RSS-041-LG (55), "LAND-GRANT APPROPRIATIONS FOR INSTRUCTION FACILITIES, RESEARCH, AND COOPERATIVE EXTENSION FISCAL YEAR ENDED JUNE 30, 1955," were not reported on a uniform basis by the individual land-grant colleges and universities. Some institutions reported all expenditures for agricultural research and extension services; other institutions reported only expenditures from Federal funds for agricultural research and extension. Because of this lack of uniformity, no tabulation of these data was made by the Office of Education.

<sup>1</sup> A copy of the questionnaire entitled "Survey of Earned Degrees Granted During Year 1954-55" is reproduced in Office of Education Circular No. 461, *Earned Degrees Conferred by Higher Educational Institutions 1954-55* (U. S. Government Printing Office 1956).

<sup>2</sup> A copy of the questionnaire entitled "Financial Statistics of Institutions of Higher Education" will be reproduced in the Biennial Survey of Education in the United States, 1953-54, Chapter 4, Section II, *Statistics of Higher Education: Receipts, Expenditures, and Property 1953-54*, scheduled for publication in the near future.

64 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

S	N	R	C	T	X	A	L
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DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Form RSH 50-54

Office of Education  
Washington 25, D. C.

Budget Bureau  
No. 51-R149.5  
Expires 12-1-55

COMPREHENSIVE REPORT ON ENROLLMENT  
(SUMMER SESSION AND FALL): 1954

If your institution has NO branches, check here ☐  
This report INCLUDES branches as follows:

The Registrar

This report EXCLUDES branches as follows:

TO THE REGISTRAR:

November 26, 1954

This COMPREHENSIVE REPORT ON ENROLLMENT is the basic or principal report on enrollment in higher education in the United States. Data from this report will be issued in at least two publications: one giving the principal figures for each individual college or university; and another providing a statistical analysis of the data.

The present form includes (on page 4) a request for some information on veteran students. Last year this information was obtained in a separate questionnaire.

Information on college enrollment is essential for sound public understanding, informed Congressional deliberation, and enlightened educational statesmanship. Your prompt cooperation in completing this report is earnestly solicited.

Sincerely yours,

Herbert S. Conrad, Chief  
Research and Statistical Standards.



SCHEDULE I.—ENROLLMENT IN SUMMER SESSION(S) AND/OR  
FOURTH QUARTER: 1954

- a. If NO summer session or fourth quarter, CHECK HERE ☐, and proceed to Schedule II on next page.
- b. Do not include any session of less than 3 weeks. Please indicate, in the blanks below, the number of weeks in each summer session and/or the fourth quarter.
- c. Include only students of COLLEGE GRADE<sup>1</sup> (omit noncollegiate and subcollegiate).

SESSION OR QUARTER	NUMBER ENROLLED		
	Men	Women	Total
1. Fourth quarter, _____ weeks			
2. Summer session No. 1,* _____ weeks			
3. Summer session No. 2,* _____ weeks			
4. Summer session No. 3,* _____ weeks			

<sup>1</sup> For definition of "student of college grade," see sheet entitled "SOME BASIC DEFINITIONS."  
\*In schools with more than one summer session, the first may be considered "No. 1"; the second, "No. 2"; etc. In the case of (say) an 8-week session which may be attended either as a whole, or during the first 4 weeks as a unit, or during the second 4 weeks as a unit, the full 8-week session may be considered "No. 1"; the first 4-week session, "No. 2"; and the second 4-week session, "No. 3." Students enrolled for both Session 2 and Session 3 as separate units should be reported in each of these sessions (not in the full 8-weeks' session).

SCHEDULE II.—SPECIAL OR UNCLASSIFIED STUDENTS: NOVEMBER  
1954

(Resident students of college grade, not enrolled for a certificate, diploma, or degree—see definition No. 3 on sheet entitled "SOME BASIC DEFINITIONS")

GROUP	MEN	WOMEN	TOTAL
5. Enrollment of special or unclassified students (These students, reported here as a whole, are also to be included in items 6-9 below.)			

## 66 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

## SCHEDULE III.—ENROLLMENT OF RESIDENT STUDENTS: NOVEMBER 1954

GROUP	MEN	WOMEN	TOTAL
A. RESIDENT STUDENTS OF COLLEGE GRADE. <sup>1</sup> (Do not include any extension, correspondence, or short-course students, nor students receiving individual lessons only. Report such students in Schedule IV.)			
6. FIRST-TIME <sup>2</sup> students (first time in any college)—including first-time "special or unclassified" students:			
a. Full time <sup>3</sup> (if exact count not available, make estimate)			
b. Part time <sup>4</sup> (if exact count not available, make estimate)			
c. Total			
7. TOTAL UNDERGRADUATE <sup>5</sup> students (include those listed under item 6, plus all "old" undergraduates, and undergraduate transfers from other institutions. Include "special or unclassified" students taking work principally at the undergraduate level):			
a. Full time (if exact count not available, make estimate)			
b. Part time (if exact count not available, make estimate)			
c. Total			
8. TOTAL GRADUATE <sup>6</sup> enrollment—including "special or unclassified" students taking work principally at the graduate level			
9. TOTAL RESIDENT ENROLLMENT (item 7c + item 8)			
B. ENROLLMENT IN ADULT EDUCATION, ON campus or on a branch campus, in courses of other than college grade. (If such enrollment is classified in your institution as "extension," report in Schedule IV only, not here.)			
10. Total resident adult enrollment in courses other than college grade (Do not include enrollment in short courses, nor students enrolled for individual lessons only—see Schedule IV).			

<sup>1</sup> For definition of "student of college grade," see sheet entitled "SOME BASIC DEFINITIONS."<sup>2</sup> For definition of "first-time student," see definition No. 6 on sheet entitled "SOME BASIC DEFINITIONS."<sup>3</sup> See definition No. 4 on sheet entitled "SOME BASIC DEFINITIONS."<sup>4</sup> See definition No. 5 on sheet entitled "SOME BASIC DEFINITIONS."<sup>5</sup> Include students taking college-grade courses through the level of the bachelor's or first professional degree. The first professional degree includes the M.D., D.D.S., LL.B., B.S. Engr., B.D., etc.; students studying for such first professional degrees should be counted as undergraduate. In most institutions the degree of M.L.S. (Master of Library Science) is the first professional degree in this field; and in some institutions the M.S.W. (Master of Social Work) and the M.B.A. (Master of Business Administration) are also first professional degrees.<sup>6</sup> Include students at a level beyond the bachelor's or first professional degree. Include as undergraduates all students who are studying for the M.D., D.D.S., LL.B., B.D., or other first professional degrees (see footnote No. 5 above).



## SCHEDULE IV.—ENROLLMENT IN EXTENSION, CORRESPONDENCE, SHORT COURSES, AND INDIVIDUAL LESSONS: NOVEMBER 1954

(If none in your institution, please write NONE or NOT APPLICABLE across the table below)

GROUP	MEN	WOMEN	TOTAL
11. Enrollment in extension courses: <sup>1</sup>			
a. College-grade enrollment (students taking one or more courses of college grade) <sup>1, 2</sup>			
b. Noncollegiate enrollment (students taking one or more courses of other than college grade) <sup>1, 3</sup>			
c. Sum of a and b above			
12. Enrollment in correspondence courses (including courses by radio or television):			
a. College-grade enrollment (students taking one or more courses of college grade) <sup>1, 2</sup>			
b. Noncollegiate enrollment (students taking one or more courses of other than college grade) <sup>1, 3</sup>			
c. Sum of a and b above			
13. Enrollment in short courses (courses of 4 days or more, but less than the semester, term, quarter, or session in which given)			
14. Students enrolled for individual lessons only (music, art, speech, etc.)			

<sup>1</sup> Do not include the enrollment at any branch campus or extension center outside the United States, its territories, or possessions.<sup>2</sup> In general, a course "of college grade" is one that carries credit toward a degree (either in your institution or by transfer to another institution).<sup>3</sup> A person registered for two or more courses of college grade should be counted as only one student, not as two or more. If necessary, please estimate the unduplicated enrollment.<sup>4</sup> Do not include students enrolled in a secondary or preparatory department of the college or university, devoted primarily to completing the preparation of students for admission to the college or university. Enrollment of such students will be covered by a brief form to be sent to colleges at the end of the academic year.<sup>5</sup> A person registered for two or more noncollegiate courses should be counted as only one student, not as two or more. If necessary, please estimate the unduplicated enrollment.

## 68 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

EXHIBIT A.—VETERAN STUDENTS OF COLLEGE GRADE:<sup>1</sup>  
NOVEMBER 1954

This exhibit identifies and enumerates groups already included in previous schedules.

PLEASE INCLUDE all veteran students (men and women) who are taking one or more courses of COLLEGE GRADE<sup>1</sup>. Do not include veterans enrolled exclusively for noncollegiate or subcollegiate work.

GROUP	TOTAL	FULL TIME <sup>2</sup>	PART TIME <sup>3</sup>
15. VETERANS UNDER PUBLIC LAW 16 (disabled World War II veterans)		omit	omit
16. VETERANS UNDER PUBLIC LAW 346 (World War II veterans, other than those under Public Law 16):			
a. Men		omit	omit
b. Women		omit	omit
c. Total		omit	omit
17. VETERANS UNDER PUBLIC LAW 894 (disabled "Korean veterans")		omit	omit
18. VETERANS UNDER PUBLIC LAW 550 ("Korean veterans," other than those under Public Law 894):			
a. FIRST-TIME <sup>4</sup> students under P. L. 550 (first time in any college)			
b. TOTAL UNDERGRADUATES <sup>5</sup> under P. L. 550 (include those recorded in item a above, plus "old" P. L. 550 undergraduates and undergraduate transfers receiving bene- fits under P. L. 550)			
c. GRADUATE <sup>6</sup> enrollment under P. L. 550		omit	omit
d. TOTAL ENROLLMENT UNDER P. L. 550 (item 18b+item 18c)		omit	omit

<sup>1</sup> For definition of "student of college grade," see sheet entitled "SOME BASIC DEFINITIONS."

<sup>2</sup> For definitions of "full time" and "part time," see definitions nos. 4 and 5 on sheet entitled "SOME BASIC DEFINITIONS."

<sup>3</sup> For definition of "first-time student," see definition no. 6 on sheet entitled "SOME BASIC DEFINITIONS."

<sup>4</sup> For definition of "undergraduate," see footnote 5 of Schedule III. Include as undergraduates all students who are studying for the M. D., D. D. S., LL.B., B. D., or other first professional degrees.

<sup>5</sup> Include students at a level above the bachelor's or first professional degree. See footnote 4 above.

## TUITION AND REQUIRED FEES

19. What is the APPROXIMATE typical charge in tuition and required fees for an academic year? Answer this question on the basis of charges to the typical undergraduate, non-veteran, in-State, full-time student. Do NOT include charges for board and room, nor voluntary fees for student activities, inter-collegiate activities, etc.

APPROXIMATE TYPICAL CHARGE (academic year) \$

INFORMATION SUPPLIED BY

(Name)

(Title)

(Date)

PLEASE CHECK to make sure you have supplied information requested on first page regarding BRANCH INSTITUTIONS.



Form RSS-041-LG (55)

Budget Bureau No. 51-R101.11  
Approval expires: 6-30-56

DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
Office of Education  
Washington 25, D. C.

Return in  
duplicate

For instructions see  
other side

REPORT OF THE TREASURER  
LAND-GRANT AND SUPPLEMENTARY MORRILL FUNDS  
FISCAL YEAR ENDED JUNE 30, 1955

Institution: \_\_\_\_\_  
Post Office: \_\_\_\_\_ State: \_\_\_\_\_

I.—The 1862 land-grant fund, or funds from land grants made in  
lieu of the 1862 grant:

TOTALS  
Year ended  
June 30

CONDITION OF THE FUND

1. Amount of the 1862 land-grant fund at the beginning  
of the fiscal year \$ \_\_\_\_\_
2. Additions to the fund during the year ended June 30. \$ \_\_\_\_\_  
Amount of the fund June 30:
3. (a) Invested \$ \_\_\_\_\_
4. (b) Deferred payments on purchase of lands \_\_\_\_\_
5. (c) Cash on hand \_\_\_\_\_
- Unsold land, June 30:
6. (a) Number of acres \_\_\_\_\_ (b) Value  
per acre \$ \_\_\_\_\_ (c) Total value \$ \_\_\_\_\_

RECEIPTS

7. Balance from previous year \$ \_\_\_\_\_
8. Income for the year ended June 30, on invested  
funds \_\_\_\_\_
9. Income from rentals, timber rights, water rights,  
etc. \_\_\_\_\_
10. Interest on deferred payments of purchase money \$ \_\_\_\_\_

EXPENDITURES

11. For salaries (year ended June 30) \$ \_\_\_\_\_
12. For facilities or instruction (year ended June 30) \$ \_\_\_\_\_

BALANCE

13. Balance remaining unexpended (June 30) \$ \_\_\_\_\_

# 70 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

## DIVISION OF THE RECEIPTS BETWEEN TWO INSTITUTIONS

If the receipts from the 1862 land-grant fund are divided, state here the basis of division for the year.

To this institution \$ ratio  
To \$ ratio

Ratio is based on

II.—Other Federal land-grant funds:  
14. Amount of funds from other Federal land grants \$  
15. Income from such funds for the year ended June 30  
16. (a) Number of acres (b) Value per acre \$  
(c) Total value

III.—Supplementary Morrill funds (funds received under acts of Congress of August 30, 1890, March 4, 1907, and June 29, 1935 (Title II, Sec. 22) in aid of Colleges of Agriculture and the Mechanic Arts).

### Interest

Interest accrued—fiscal year ended June 30 \$  
This amount is herewith returned (check) to be covered into the United States Treasury as Miscellaneous Receipts. (Ruling Jan. 16, 1933.)

RECEIPTS			TOTALS Year ended June 30
Balance at beginning of year	\$		
Amount of annual installment received	\$		\$
EXPENDITURES			
	Salaries	Facilities	
SCHEDULES:			
A. Agriculture	\$	\$	\$
B. Mechanic arts			
C. English language			
D. Mathematical science			
E. Natural and physical science			
F. Economic science			
G. Special preparation of teachers			
Total expenditures, year ended June 30	\$	\$	\$
BALANCE			
Balance remaining unexpended (June 30)			\$

(NOTE.—Please append a statement explaining any unexpended balance. See note concerning BALANCE on the reverse side.)



## IV.—Certification by the treasurer.

I hereby certify (A) that no portion of the expenditures of the 1862 land-grant fund was applied "directly or indirectly, under any pretense whatever to the purchase, erection, preservation, or repair of any building or buildings"; that no portion of said sum has been used to defray any "expenses incurred in the management and disbursement of moneys received" from the sale of land granted by act of Congress approved July 2, 1862; nor for "management, superintendence, and taxes from date of selection of said lands previous to their sales," and (B) that the report as rendered for the Supplementary Morrill Funds is true and correct, and that the funds were expended in accordance with the rulings printed on this Form.

.....  
Treasurer.

Date.....

## V.—Certification by the president.

I hereby certify that ..... is the treasurer of the above-mentioned institution. I further certify that I have examined the above report and that, to the best of my knowledge and belief, it is correct.

.....  
President.

## RULINGS AND INSTRUCTIONS RELATIVE TO THE LAND-GRANT ACT OF 1862

This report on the 1862 land-grant fund is called for under a decision of the Assistant Attorney General, pertaining to the acts of July 2, 1862, August 30, 1890, and March 4, 1907.

In conformity therewith, the attention of State legislatures, State officers, and officers of institutions receiving the benefit of these acts is respectfully called to the following provisions:

1. The act of July 2, 1862 (12 Stat. 503), as amended by the act of April 13, 1926 (44 Stat. 247), provides that the money derived from the sale of lands and from the sale of land scrip granted to the States for the establishment and maintenance of colleges of agriculture and mechanic arts shall be invested at a fair and reasonable rate of return to be fixed by the State legislatures and shall constitute a perpetual fund.

2. The income from such investments shall be regularly applied without diminution to the endowment, support, and maintenance of at least one college, where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts.

It is held that the proceeds from rentals, sale of timber rights, water rights, or other privileges, and interest on deferred payments of purchase money, partake of the same character as the income from invested funds and must be devoted, without diminution, to the purposes as set forth above.

It is held that instruction in the industries for women is included in instruction in agriculture and the mechanic arts.

3. The income from this fund is not a fiscal year or limited fund. It must remain forever at the disposal of the institution entitled to the benefit of the fund. Nor may it ever be covered into general State funds or used for general State purposes. There can be no default to the State by the institution.



## 72 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

4. It is held that the act of 1890 (26 Stat. 417) with the amendment of 1907 (34 Stat. 1281) is supplementary to the act of 1862 (12 Stat. 503); therefore any default in the provisions of the act of 1862 renders the State liable to noncertification for the annual installments of the funds appropriated by the acts of 1890 and 1907.

5. In order that the Department of Health, Education, and Welfare, through the Commissioner of Education, may be able to ascertain whether or not the States are complying with the provisions of the act of 1862, the institutions receiving the benefits of that act are required to submit a statement in detail of the disbursements of the annual income received by them under said act.

6. The only restriction placed by the act of Congress of July 2, 1862, upon the expenditure of the income derived from the sale of public lands granted for the endowment of colleges of agriculture and the mechanic arts is that no part of such income may be expended for the purchase, erection, preservation, or repair of any building or buildings, nor may this income be used for the purchase of land.

JULY 11, 1930.

### RULINGS AND INSTRUCTIONS RELATIVE TO SUPPLEMENTARY MORRILL FUNDS

**INTEREST MONEY.** Interest accruing upon all supplementary Morrill funds . . . is interest accruing to the United States and should be covered into the U. S. Treasury as miscellaneous receipts (ruling of Comptroller General, January 16, 1933). The person duly designated to receive the funds from the Federal Government is responsible for the accounting of such interest as may be credited to the deposit account by the bank in which the deposit account is maintained.

**BALANCE.** Funds annually appropriated must be expended during the fiscal year for the purposes specified by the acts and cannot be allowed to accumulate in the form of an unexpended balance. If, however, the condition of the institution is such that the funds cannot be spent advantageously, an unexpended balance will be allowed to remain over to the following year, when it is shown that plans are prepared for the eventual use, not only of all unexpended balances, but also of the regular annual installments.

**ANNUAL REPORT.** Treasurer's reports are required on or before September 1. (Act of August 30, 1890.) Two copies should be sent to the U. S. Commissioner of Education who will forward one copy to the Secretary of Agriculture.

Attention is called to the requirements of the acts of Congress: Morrill Act of August 30, 1890 (26 Stat. L., p. 417), Nelson amendment of March 4, 1907 (34 Stat. L., p. 1281), Bankhead-Jones Act of June 29, 1935 (Public Act No. 182, Title II, Sec. 22), in aid of colleges of agriculture and mechanic arts respecting the annual reports of the treasurers of said institutions to the Secretary of the Department of Health, Education, and Welfare and the Secretary of Agriculture. Attention is called also to certain decisions respecting the disbursement of the funds authorized by the said acts. (See below.) The classification of subjects under the seven schedules (A to G) must be adhered to in preparing annual reports.

**SUBJECT MATTER FIELDS ALLOWED.** These Federal funds are to be applied only to instruction in—

A. Agriculture.—Agriculture, horticulture, forestry, agronomy, animal husbandry, dairying, veterinary science, poultry industry, apiculture, etc.

B. Mechanic arts.—Mechanics; civil, electrical, irrigation, mining, marine, railway, and experimental engineering; textile industry, farm mechanics, architecture, machine design, mechanical drawing, ceramics, stenography, typewriting, printing, shop work, drawing, etc.

C. English language.—English language, English literature, composition, rhetoric, and oratory, etc.

D. Mathematical sciences.—Mathematics, bookkeeping, and astronomy, etc.

E. Natural and physical sciences.—Chemistry, physics, biology, botany, zoology, geology, mineralogy, metallurgy, entomology, physiology, bacteriology, pharmacy, physical geography, meteorology, etc.

F. Economic sciences.—Political economy, home economics, commercial geography, sociology, etc.



G. Special preparation of teachers.—Subjects with special reference to agriculture, mechanic arts, and home economics: history of industrial education, methods and special instruction for teachers. All or a part of the funds provided by the act of March 4, 1907, may be used "for providing courses for the special preparation of instructors for teaching the elements of agriculture and mechanic arts." It is held that this language authorizes expenditures for instruction (a) in history of agriculture and industrial education, (b) in methods of teaching agriculture, mechanic arts, and home economics, and (c) for special aid and supervision given to teachers actively engaged in teaching agriculture, mechanic arts and home economics in public schools.

Fields NOT authorized. No part of the above-mentioned funds may be used for any form of extension work, and all instruction must be given at the institutions receiving these funds, except that a reasonable portion of the fund provided by the act of 1907 may be used for the instruction of teachers in agriculture, mechanic arts, and domestic science at summer schools, teachers' institutes, and by correspondence, and in supervision and directing work of these subjects in high schools.

Expenditures are NOT authorized for courses in—

Ancient languages	Logic	Pedagogy
Civil government	Methods of teaching	Philosophy
Ethics	Military science and tactics	Psychology
Extension work	Modern languages (except English)	Research
History		
History of education		

**SALARIES.** These funds may be used for the payment of salaries of instructors in the allowed subjects only.

When an administrative officer also gives instruction in any of the branches of study mentioned in the act of August 30, 1890, or when an instructor gives such instruction and also devotes part of his time to giving instruction in branches of study not mentioned in the said act, ONLY A PART of such person's salary proportionate to the time devoted to giving instruction in the branches of study mentioned in the said act can be charged to these funds. In the division of time between instructional and other services, one hour of instruction shall be regarded as equivalent to two hours of administrative, supervisory, or experiment-station work.

Salaries not authorized. The salaries of *purely administrative officers*, such as treasurers, presidents, secretaries, bookkeepers, janitors, watchmen, superintendents, foremen, matrons, unskilled laborers, assistants in shops, laboratories and fields, experiment-station staff; instructors employed in research work or in collecting, classifying, and arranging specimens, collections, or exhibits; instructors in philosophy, psychology, ethics, logic, history, civil government, pedagogy, military science and tactics, ancient and modern languages (except English); and in extension work, cannot be charged to these funds.

Nor may the funds be used for the salaries of instructors improperly trained or incompetent for the positions they are supposed to fill.

**FACILITIES.** Purchases are authorized from these funds for apparatus, machinery, textbooks, reference books, stock, and material used in instruction, or for purposes of illustration in connection with any of the allowed subject-matter fields.

In case of machinery (such as boilers, engines, pumps, etc.) and farm stock, which are made to serve for both instructional and other purposes, the Federal funds may be charged with only an **EQUITABLE PORTION** of the cost of said machinery and stock.

Facilities not authorized. No portion of said moneys shall be applied directly or indirectly, under any pretense whatever, to the purchase, erection, preservation, or repair of any building or buildings (Act of 1890, sec. 3), nor for the permanent improvement to buildings, grounds, and farms, such as clearing, draining, and fencing of land, nor for the heating or lighting of buildings, nor for musical instruments, military equipment, furniture, cases, shelving, desks, blackboards, tables, lockers, etc.

The purchase of land is not allowable. (Ruling March 1891.)



74 STATISTICS OF LAND-GRANT COLLEGES AND UNIVERSITIES

Form RSS-041-LG (55)

Budget Bureau No. 51-R101.11  
Approval expires 6-30-56

DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE

Office of Education, Washington 25, D. C.

LAND-GRANT APPROPRIATIONS FOR INSTRUCTION FA-  
CILITIES, RESEARCH, AND COOPERATIVE EXTENSION  
FISCAL YEAR ENDED JUNE 30, 1955

If your institution has NO branches,  
check here ☐  
This report INCLUDES branches as  
follows:

-----  
This report EXCLUDES branches as  
follows:  
-----

Federal Land-Grant Appropriations, Fiscal Year 1954-55

FUNDS FOR INSTRUCTION FACILITIES:

1. Supplementary Morrill appropriations, acts of 1890, 1907 and  
(Bankhead-Jones, sec. 22) 1935. (Check with REPORT  
OF THE-TREASURER) \$

FUNDS FOR RESEARCH (Experiment stations):

2. Hatch-Adams funds, acts of 1887, 1906
3. Purnell funds, act of 1925
4. Bankhead-Jones funds, act of 1935 (Title I, sec. 5)
5. Bankhead-Jones funds, act of 1935 as amended (Title I, sec.  
9(b)1 and 9(b)2)
6. Bankhead-Jones funds, act of 1935 as amended (Title I, sec.  
9(b)3)
7. Research under Agricultural Marketing Act of 1946 (Sec.  
204 (b))

FUNDS FOR COOPERATIVE EXTENSION:

8. Smith-Lever funds, act of 1914 as amended
9. Extension under Agricultural Marketing Act of 1946 (Sec. 205)
10. Cooperative Farm Forestry (Clarke-McNary Act, sec. 5)
11. Farm Housing (Housing Act of July 15, 1949)

TOTAL, items 1-11. (Please explain, on the reverse side of this  
sheet, any discrepancy between this figure and the one entered  
in FINANCIAL STATISTICS OF INSTITUTIONS OF  
HIGHER EDUCATION, Schedule I, item A.6.b.)

EXHIBIT

Selected Current Expenditure Items, Fiscal Year 1954-55

1. Current expenditures for agricultural research
2. Current expenditures for agricultural extension
- TOTAL, items 1 and 2



NOTES ON LEGISLATION FOR LAND-GRANT COLLEGES AND  
UNIVERSITIES

Corresponding to the three major headings in the data-collection form on "Land-Grant Appropriations" (see foregoing section of Appendix), the following notes on legislation are also presented under three major headings: (1) Federal funds for instruction and facilities; (2) Federal funds for agricultural experiment stations; and (3) Federal funds for agricultural extension service. The reader interested in a detailed description of legislation affecting the land-grant colleges and universities is referred to *United States Code Annotated, Title 7, Agriculture* (West Publishing Co., St. Paul, Minn.).

## FEDERAL FUNDS FOR INSTRUCTION AND FACILITIES

The *Morrill Act of 1862* (First Morrill Act), to insure the development of instruction in "agriculture and the mechanic arts" in at least one college in each State, provided that there be granted to the several States, \* \* \* an amount of public land, to be apportioned to each State a quantity equal to thirty thousand acres for each Senator and Representative in Congress to which the States are respectively entitled by the apportionment under the census of 1860.<sup>1</sup> States in which public lands were not available were issued scrip, which could be sold. The act further provided that the money received from the sale of such land, or land scrip, should be invested by the States and "the principal thereof shall forever remain unimpaired." Also, the income from this fund "shall be inviolably appropriated, by each State which may take and claim the benefit of this act, to the endowment, support, and maintenance of at least one college where the leading object shall be, without excluding other scientific and classical studies and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the legislatures of the States may respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life."

The *Act of 1866 Amending the First Morrill Act* permitted the States to have 3 years from the date this Amendment to the Act was passed in which they might accept the provisions of the original land-grant legislation. Also, the Amendment provided that a new State might express its acceptance within 3 years from the date of its admission into the Union. All the States, including those later admitted to the Union with the exception of Oklahoma,<sup>1</sup> either participated in the

<sup>1</sup> Oklahoma received 250,000 acres of land by the enabling act of June 16, 1906, for the benefit of Oklahoma A. & M. College, but the act did not state that the grant was in lieu of the 1862 grant.



1862 land-grant funds or funds granted in lieu of the 1862 land-grant funds.

The land-grant funds of 1862, not including the value of unsold land, amounted to \$63,298,523 as of June 30, 1955. One-third of the States still have some of the original land received from the 1862 land grant or from grants made in lieu of the 1862 grant. As of June 30, 1955, unsold land held by the 16 States amounted to 796,057 acres and was valued at \$6,442,265 (table 17).

For the year 1954-55, the income from the 1862 land-grant fund, or funds from land grants made in lieu of the 1862 grant, amounted to \$1,994,242. Of this amount, 89.8 percent (\$1,791,009) was derived from investments of the money received from the sale of land or scrip. The remaining 10.2 percent (\$203,233) was derived from rentals, rights, deferred payments, etc. (table 18).

The *Second Morrill Act of 1890* authorized an annual appropriation to each State and Territory "for the more complete endowment and maintenance of colleges for the benefit of agriculture and the mechanic arts now established, or which may be hereafter established," in accordance with the Morrill Act of 1862. The act provided for an appropriation of \$15,000 for each State and Territory for 1890, with an increase of \$1,000 each year over the preceding year for 10 years. Since 1900, the annual appropriation for each State and Territory has been \$25,000. The funds received by the land-grant colleges under the Second Morrill Act are "to be applied only to instruction in agriculture, the mechanic arts, the English language and the various branches of mathematical, physical, natural and economic science, with special reference to their applications in the industries of life, and to the facilities for such instruction."

The *Nelson Amendment of 1907* contained in the appropriation act for the Department of Agriculture for the fiscal year ended June 30, 1908 amended the Acts of 1862 and 1890 by increasing the annual appropriation to each State or Territory for its land-grant college, or colleges. The Amendment made an additional appropriation of \$5,000 to each State and Territory for the fiscal year ending June 30, 1908, with an increase of \$5,000 each year over the preceding year for a period of 4 years. Since 1912, the annual amount for each State and Territory under the Nelson Amendment has been \$25,000. The Nelson Amendment provided that the expenditures of the appropriations were to be governed by the provisions of the Morrill Acts of 1862 and 1890 with the exception that a portion of the funds might be used "for providing courses for the special preparation of instructors for teaching the elements of agriculture and the mechanic arts."

The *Bankhead-Jones Act of 1935, title II, section 22*, authorized annual appropriations for the "more complete endowment and sup-



port" of the land-grant colleges. The expenditures of the funds authorized under this Act and section are governed by the provisions of the land-grant Act of 1862, as amended and supplemented. Section 22 specifies that annual appropriations are to be as follows: (1) For the year 1935-36 and for each year thereafter, \$980,000 to be paid annually to each State and the Territory of Hawaii in equal shares; and (2) for 1936-37, \$500,000; for 1937-38, \$1,000,000; for 1938-39, \$1,500,000; and for each fiscal year thereafter, \$1,500,000. The appropriations listed under (2) are to be "allotted and paid annually to each of the several States and the Territory of Hawaii in the proportion which the total population of each such State and the Territory of Hawaii bears to the total population of all the States and the Territory of Hawaii, as determined by the last preceding decennial census." In 1952, section 22 was amended to include the Territory of Alaska in the distribution of the funds, and to increase the annual appropriation authorized for uniform grants to \$1,000,000 and for variable grants based on population to \$1,501,500.

At present the funds appropriated under the Second Morrill Act of 1890, the Nelson Amendment of 1907, and the Bankhead-Jones Act (section 22) as amended in 1952 amount to \$5,051,500 annually for distribution among the 69 land-grant colleges and universities. Puerto Rico receives an allotment of funds under the Second Morrill Act of 1890 and the Nelson Amendment of 1907 but does not participate in appropriations authorized in section 22 of the Bankhead-Jones Act of June 29, 1935, as amended June 12, 1952. In those States operating two land-grant institutions, the allotment is divided between the two institutions in amounts determined by the State legislature. The allotment for each institution for the year ended June 30, 1955 is reported in table 16, column 4, under the heading "Funds for instruction and facilities, Morrill-Nelson and Bankhead-Jones funds." According to a ruling of the Secretary of Interior, February 12, 1936, the funds provided by the Second Morrill Act of 1890, the Nelson Amendment of 1907, and section 22 of the Bankhead-Jones Act of 1935, have, for purposes of administration, been given the designation of "Supplementary Morrill Fund."

The legal authority for the administration of the Morrill Act of 1862 and its several amendments and supplements rests with the Secretary of the Department of Health, Education, and Welfare. Apart from the certification of grants, the Secretary exercises this authority through the United States Commissioner of Education, Office of Education.

*Other Federal Land Grants.*—"The Ordinance of 1787, relating to the sale of 1,500,000 acres of land to the 'Ohio Company of Associates,' made the first grant of two townships of land for a university. A



third township for the same purpose was granted with the Symmes Purchase in 1788. On the admission of Ohio, the 3 townships previously granted for purposes of seminaries of learning were confirmed to the State."<sup>2</sup> Tennessee and Indiana were the next States to receive similar grants. The Enabling Acts for nearly all public-land States admitted to the Union since 1816 have contained similar grants, and when omitted from the Enabling Acts, equivalent grants have been made by Congress at some other time. Some of the land thus received by 15 States (originally known as "seminary" or university grants) was set aside for the benefit of land-grant colleges; in such cases, the land was additional to that received under the First Morrill Act, and not substitutive. The income from this land was to be used for the advancement of education in the land-grant colleges. The money received from the sale of any part of the land was to be irreducible, and the income from the investment of the money was to be used by the colleges for education purposes. The value of the funds received from the sale of the land and the number of acres still unsold and their value are shown in table 17.

#### FEDERAL FUNDS FOR AGRICULTURAL EXPERIMENT STATIONS<sup>3</sup>

Federal funds for agricultural experiment stations, in the fiscal year 1955, were authorized under six different laws, which are summarized below. For fiscal 1956, however, these laws are virtually replaced by Public Law 352, enacted in August 1955 as an amendment to the Hatch Act of 1887. Public Law 352 has as its purpose the codifying of the various laws and appropriation authorizations relating to agricultural experiment stations into one law. In order to accomplish this purpose Public Law 352 specifically repealed the following provisions of law and reenacted them into a new law set forth in 69 Stat. 671-674; 7 U. S. Code<sup>4</sup> 361a-361i. Laws repealed by Public Law 352 are: Bankhead-Jones Act, title I, sections 2-8 (7 U. S. C. 427a-427g); Bankhead-Jones Act, section 9 (7 U. S. C. 427h) and related provisions of section 11 (7 U. S. C. 427j) of title I, as added by title I of the Research and Marketing Act (60 Stat. 1086); Department of Agriculture Organic Act of 1944, title I, section 105 which amended Bankhead-Jones Act, title I, section 5 (7 U. S. C. 427d(c)) by adding subsection (c); Adams Act of 1906 (7 U. S. C. 366, 369, 371, 373-376, 380, 382); Purnell Act of 1925 (7 U. S. C. 361, 366, 370, 371, 373-376, 380, 382); Acts extending the benefits of the foregoing acts to the Territory of Hawaii, the Territory of Alaska,

<sup>1</sup> *State School Administration*, by E. P. Cubberley. Cambridge, Mass., Riverside Press, 1927. p. 89.

<sup>2</sup> Federal funds for experiment stations are distributed and administered by the U. S. Department of Agriculture. Material in this section was prepared in consultation with Walworth Brown, Administrative Officer, State Experiments Division, Agricultural Research Service, U. S. Department of Agriculture.

<sup>3</sup> Hereinafter referred to as U. S. C.



and Puerto Rico found in: 45 Stat. 571, 49 Stat. 1553, 45 Stat. 1256, 46 Stat. 1520, such portion of the Department of Agriculture appropriation Act of 1890, approved March 2, 1889, as related to examination of soils by experimental stations (25 Stat. 841); and that part of the act of October 1, 1918 relating to Georgia agricultural Experiment station (40 Stat. 998).

The *Hatch Act of 1887* provided an annual appropriation of \$15,000 to each State or Territory, then established or to be established, for agricultural experiment stations. According to this act, "in order to aid in acquiring and diffusing among the people of the United States useful and practical information on subjects connected with agriculture; and to promote scientific investigation and experiment respecting the principles and applications of agricultural science, there shall be established under direction of the college or colleges or agricultural departments of colleges in each State or Territory established, or which may hereafter be established, \* \* \* a department to be known and designated as an 'agricultural experiment station' \* \* \*." At the present time there are 53 main agricultural experiment stations, one in each State, Alaska, Hawaii, and Puerto Rico, except in New York and Connecticut where there are two. All except the Connecticut<sup>5</sup> Agricultural Experiment Station at New Haven and the Ohio<sup>6</sup> Agricultural Experiment Station at Wooster are under the administration of the land-grant college or university in the State.

The *Adams Act of 1906* authorized an additional annual appropriation "for the more complete endowment and maintenance of agricultural experiment stations now established or which may hereafter be established in accordance with the Act of Congress approved March 2, 1887" (the Hatch Act). The additional appropriation under this act was \$5,000 for the first year for each State, with an annual increase of \$2,000 thereafter for 5 years. Thus, the annual appropriation per State is \$15,000. This act provides for continuing appropriations; but since the Adams Act is considered as supplementary to the Hatch Act, Congress makes annual appropriations for the amounts specified by both acts (a total of \$30,000 to each State and Territory then established or to be established). These funds are shown in table 16, column 6, as Hatch-Adams funds.

The *Purnell Act of 1925* further increased the Federal appropriations for the experiment stations. This act authorized an additional flat grant of \$20,000 to each State and Territory for 1925-26 with annual increases of \$10,000 for the next 4 years. Since 1930, the

<sup>5</sup> Ohio and Connecticut receive funds under Section 8 of the Hatch Act of 1887. Section 8 provides, "That in States having colleges entitled under this section to the benefits of this Act and having also agricultural experiment stations established by law separate from said colleges, such States shall be authorized to apply such benefits to experiments at stations so established by such States \* \* \*."



annual appropriation for each State under this Act has been \$60,000 (table 16, column 7).

The *Bankhead-Jones Act of 1935* authorized Federal funds for the State agricultural experiment stations, to be used for research into basic laws and principles relating to agriculture. An appropriation is made annually by Congress (the appropriation for each of the last 6 years has been \$2,863,708). For each fiscal year, the allotment to each State, Puerto Rico, or Territory is based primarily on an amount which bears the same ratio to the total appropriation as the rural population of each State, Alaska, Hawaii, and Puerto Rico bears to the rural population of all the States, Puerto Rico, and the Territories as determined by the most recent decennial census. Eligibility to receive an allotment under this act requires that each State, Puerto Rico, or Territory make available from its own funds an amount equal to the Federal allotment, for research and for the establishment and maintenance of necessary facilities for the prosecution of such research. The act further provides that the amount withheld from a State, Puerto Rico, or a Territory which fails to provide an amount equal to the total which it is eligible to receive, may be allotted to the eligible States, Puerto Rico, or Territories, provided that no State, Puerto Rico, or Territory shall receive a total of more than 120 percent of its original allotment. For the year 1954-55 the land-grant institutions received Bankhead-Jones funds under title I, section 5, amounting to \$2,724,527 (table 16, column 8).

The *1946 Amendment to the Bankhead-Jones Act* authorized additional appropriations for research by agricultural experiment stations. This Amendment provided for a sum of \$2,500,000 for the fiscal year ended June 30, 1947, an additional \$2,500,000 for the fiscal year ended June 30, 1948, and an additional \$5,000,000 for each of the next 3 fiscal years—a total of \$20,000,000 for the fiscal year ended June 30, 1951—plus such additional sums as the Congress may deem necessary. *Section 9b(1)*, of the amendment to title I provided that 20 percent of the sum appropriated for any fiscal year under this amendment be distributed equally to all States, Puerto Rico, and the Territories. *Section 9b(3)* provided that not less than 52 percent of the sum appropriated for any fiscal year under this amendment be distributed to Puerto Rico and to each State or Territory as follows: (1) one-half in an amount which bears the same ratio to the total amount to be allotted as the rural population of each State, Puerto Rico, and Territory bears to the total rural population of the States, Puerto Rico, and the Territories as determined by the most recent decennial census; (2) the remaining one-half in an amount which bears the same ratio to the total amount to be allotted as the farm population of each State, Puerto Rico, or Territory bears to the total



farm population of the 48 States, Puerto Rico, and the Territories as determined by the most recent decennial census. For the year 1954-55 the land-grant institutions received \$7,994,404 from the Federal Government under title I, sections 9b(1) and 9b(2) of the amendment to the Bankhead-Jones Act. To be eligible for funds under this amendment each State, Puerto Rico, and Territory must provide equal amounts from their own funds. Section 9b(3) provided that not more than 25 percent of the amount authorized under this amendment be allotted for cooperative research in which two or more State agricultural experiment stations are cooperating to solve problems that concern more than one State. The funds distributed under section 9b(3) are designated by the act as "Regional research fund, Office of Experiment Stations," and are to be used only for cooperative regional projects recommended by a committee of nine elected by, and representing, the directors of State agricultural experiment stations, after approval by the Secretary of Agriculture or his authorized representative. Twenty percent of the fund appropriated to carry out provisions of sections 9b(3) and 10b must be expended for marketing research. Necessary travel expense for the committee of nine is to be covered by the Regional research fund. For the year ended June 30, 1955, the land-grant colleges received \$2,667,184 under title I, section 9b(3) for Regional research projects (table 16, column 10).

The *Agricultural Marketing Act of 1946* authorized Federal funds to conduct research and service work in connection with the preparation for marketing, processing, packaging, handling, storing, transporting, distribution, and marketing of agricultural products. Section 204(b) of this act authorized the Secretary of Agriculture to make available from these funds such amounts as he may deem appropriate for allotment to State departments of agriculture, State bureaus and departments of markets, State agricultural experiment stations, or other appropriate State agencies for cooperative projects in marketing service and in marketing research. The allotments are made to the State agency or agencies best equipped and qualified to conduct the specific project to be undertaken, and the State agency or agencies shall provide equal funds. For 1954-55, the land-grant colleges and universities reported the receipt, for the State experiment stations under their management, of \$516,378 under section 204(b) of this act.

#### FEDERAL FUNDS FOR AGRICULTURAL EXTENSION SERVICE\*

The *Smith-Lever Act of 1914* authorized cooperative agricultural Extension work between the agricultural colleges in the States and the U. S. Department of Agriculture. According to this act, "cooperative

\* Notes on Federal funds for agricultural extension service were prepared in consultation with Luke M. Schruben, Assistant Administrator, Federal Extension Service, U. S. Department of Agriculture.



agricultural Extension work shall consist of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attending or resident in said colleges in the several communities, and imparting to such persons information and said subjects through field demonstrations, publications and otherwise \* \* \*."

The 1953 *Amendment to the Smith-Lever Act of 1914* consolidated it with nine other acts relating to Extension work. The 1953 amendment simplified administration, authorized appropriation of funds the Congress deemed necessary, and established a permanent formula for apportioning Federal funds to the States. Federal funds for the year 1954-55 reported by the land-grant colleges and universities as received under the "Smith-Lever Act, as amended June 26, 1953," amounted to \$38,208,938, or 97.7 percent of all Federal funds received by the land-grant institutions for cooperative agricultural extension work.

*Agricultural Marketing Act of 1946.*—Under section 204(b) of the Agricultural Marketing Act of 1946, the Cooperative Extension Service has the authority and responsibility for developing and conducting educational and demonstrational marketing programs with grower handlers, and consumers. The objectives are to increase efficiency in the marketing of agricultural products and to aid in bringing about a better balance between agricultural production and consumption. Various educational methods are used to bring about increased understanding and the adoption of the findings of research and best known practices. Work by the States, Puerto Rico, and the Territories is conducted on a matching fund basis under line projects setting forth the problems and the educational procedures to be followed. Section 205 of the Agricultural Marketing Act of 1946 authorized the Secretary of Agriculture to enter into contracts with States, agencies of States, private firms, and individuals for the purpose of conducting research and service work, making and compiling reports and surveys, and carrying out other functions relating thereto when in his judgment the services or functions to be proposed would be carried out more effectively, more rapidly, and at less cost than if prepared by the Department of Agriculture.

The form used in the present survey did not provide space for reporting funds received for cooperative extension under section 204 (b) of the act. It appeared, however, that all funds received for cooperative extension under the act (under section 204 (b) and under section 205) were reported on the form in the space provided for funds received under section 205. According to the United States Department of Agriculture, a total of \$924,548 (\$799,548 under section 204 (b) and \$125,000 under section 205) was distributed to Puerto Rico, the States, and Territories for cooperative extension work during the year



ended June 30, 1955. Of this amount, the land-grant colleges and universities reported a total of \$812,299 as received under the Agricultural Marketing Act of 1946 for cooperative extension work during the year ended June 30, 1955.

*The Clarke-McNary Act*, passed in 1924 and amended in 1949, provided that an amount not to exceed \$500,000 may be appropriated annually to enable the Secretary of Agriculture to cooperate with "the land-grant colleges and universities \* \* \* or, in his discretion, with other suitable State agencies, to aid farmers through advice, education, demonstrations, and other similar means in establishing, reserving, protecting, and managing wood lots, shelter belts, wind-breaks, and other valuable forest growth, and in harvesting, utilizing and marketing the products thereof." Under this Act, Federal funds totaling \$87,055 were reported as received by the land-grant colleges and universities in 44 States and Puerto Rico for the year ended June 30, 1955.

Work previously financed by the *Farm Housing Act of July 15, 1949* was absorbed within the Smith-Lever Act, as amended.

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